

C. JAMES & ASSOCIATES, INC.

“ Protecting America’s Resources”

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February 7, 2005

Ms. Joyce Krall
Orange County Health Care Agency
Environmental Health Division
1241 E. Dyer Road, Suite 120
Santa Ana, California 92705

SUBJECT: First Quarter 2005, Groundwater Monitoring Well Sampling and Gradient Assessment at Beacon Bay Auto Wash #5, 10035 Ellis Street, Fountain Valley, California OCHCA #89UT71

Ms. Krall:

This report presents the results of groundwater-monitoring well sampling and groundwater gradient assessment conducted during the first quarter of 2005 at the site of an existing Beacon Bay Auto Wash (#5) located at 10035 Ellis Street in Fountain Valley, California. A Site Vicinity Map is shown as **Plate P-1**. The locations of groundwater-monitoring wells and other site features are shown on **Plate P-2**.

1.0 OBJECTIVES

The objectives of this work were to a) record depth to groundwater, b) check for the presence of free product, c) collect and analyze groundwater samples from existing groundwater monitoring wells, and d) to assess the current groundwater flow direction and gradient.

2.0 SUMMARY OF ACTIVITIES

On January 5, 2005 personnel from CJA measured the depth to groundwater and checked for the presence of free product in groundwater monitoring wells. Groundwater samples were subsequently collected from wells MW-1,2,4,5,6,8,9,10 and 11. Groundwater samples collected from the above referenced groundwater monitoring wells were analyzed for TPH, BTEX and oxygenates in general accordance with the EPA Methods 8015M gasoline and 8260B.

3.0 RESULTS

3.1 Groundwater Elevation Data

The depth to groundwater on January 5, 2005 ranged from 5.38 feet to 9.38 feet below top of casing. Relative groundwater elevations ranged from 10.68 feet to 13.00 feet above mean sea level.

The groundwater flow direction is depicted on **Plate P3**. Discussions with the Orange County Water District have indicated that approximately 7-12 million gallons of water are injected on a daily basis to provide a barrier for salt water intrusion along Ellis Avenue.

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10035 Ellis Street
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3.2 Groundwater Analytical Results - TPH

TPH was detected in groundwater samples recovered from groundwater monitoring wells MW-6, MW-9, MW-10 and MW-11 (**Plate P4**) at concentrations of 800; 1,100; 650 and 810 ug/L, respectively.

3.3 Groundwater Analytical Results - Benzene

Benzene was detected in groundwater samples recovered from groundwater monitoring wells MW-9 and MW-10 (**Plate P5**) at concentrations of 85 and 35 ug/L, respectively.

3.4 Groundwater Analytical Results - MTBE

MTBE was detected in groundwater samples recovered from groundwater monitoring wells MW-1, MW-4, MW-6, MW-10 and MW-11 (**Plate P6**) at concentrations of 7.4, 5, 44, 5.4 and 150 ug/L, respectively. It should be noted that MTBE encountered in groundwater monitoring wells has migrated from the neighboring ARCO retail gasoline service station.

4.0 DISCUSSIONS

A post-remedial quarterly groundwater monitoring program will be conducted for a period of year. The current groundwater monitoring event/report constitutes four quarters of post remedial monitoring.

Maximum Contaminant Levels (low risk) indicate that groundwater collected from existing monitoring wells do not exceed standards set for BTEX at this location. C. James & Associates, Inc. is requesting that a case summary closure be completed for this location. Furthermore, we are requesting that this location be removed from any existing unauthorized release list within the State of California.

5.0 SCHEDULE

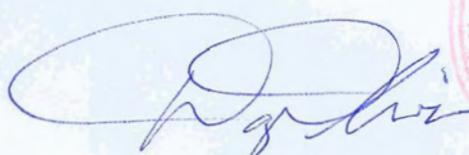
There are no groundwater monitoring events scheduled for this location.

Sincerely:

C. James & Associates, Inc.

W. Heidi Hamilton

W. Heidi Hamilton
Principal



Daniel C. Oliver
Registered Geologist #4781



cc: Mr. Patrick C. Shea, Beacon Bay Enterprises, Inc.
Nancy Olson-Martin, Santa Ana Regional Water Quality Control Board
Mark Haskell, Fountain Valley Fire Department

Mark Haskell, Fountain Valley Fire Department

TABLES

TABLE 1
ANALYSES OF GROUNDWATER SAMPLES
BEACON BAY AUTO WASH #5
10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-1	10/23/96	<50	<0.5	<0.5	<0.5	<0.5	55	—	—	—	---
	01/30/97	60	0.6	<0.5	<0.5	<0.5	10	—	—	—	---
	04/18/97	<50	<0.5	<0.5	<0.5	<0.5	13	—	—	—	---
	07/25/97	100	<0.5	<0.5	<0.5	<0.5	49	—	—	—	---
	10/20/97	70	<0.5	<0.5	<0.5	<0.5	49	—	—	—	---
	01/27/98	60	<0.5	<0.5	<0.5	<0.5	26	—	—	—	---
	05/01/98	<50	0.5	<0.5	1.5	4.8	15	—	—	—	---
	07/16/98	<50	<0.5	<0.5	<0.5	<0.5	22	—	—	—	---
	08/06/98	70	0.8	<0.5	<0.5	1.5	42	—	—	—	---
	10/23/98	<50	<0.5	<0.5	<0.5	<0.5	12	—	—	—	---
	01/24/99	<50	<0.5	<0.5	<0.5	<0.5	13	—	—	—	---
	04/30/99	<50	<0.5	<0.5	<0.5	<0.5	8.9	—	—	—	---
	07/24/99	<50	<0.5	<0.5	<0.5	<0.5	28	—	—	—	---
	10/23/99	110	<0.5	<0.5	<0.5	<0.5	11.3	—	—	—	---
	01/20/00	<200	<0.5	<0.5	<0.5	<0.5	54	—	—	—	---
	04/19/00	<200	<0.5	<0.5	<0.5	<0.5	24	—	—	—	---

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SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-1	07/13/00	<200	<0.5	<0.5	0.53	2.95	6.4	<5	<5	<5	<200
	01/17/01	<200	<0.5	<0.5	<0.5	<0.5	9.1	<5	<5	<5	<200
	04/24/01	750	170	1.4	0.53	11.9	<5	<5	<5	<5	<200
	07/10/01	<200	<5	<5	<5	<10	16	<5	<5	<5	<200
	10/18/01	<50	<0.5	<0.5	<0.5	<0.6	25	<1	<1	<1	<25
	01/15/02	<50	<0.5	<0.5	<0.5	<0.6	20	<1	<1	<1	<25
	04/16/02	<50	<0.5	<0.5	<0.5	<0.6	12	<1	<1	<1	<25
	07/05/02	<50	<0.5	<0.5	<0.5	<0.6	24	<1	<1	<1	<25
	12/03/02	<50	<0.5	<0.5	<0.5	<0.6	14	<1	<1	<1	<25
	02/19/03	<50	<0.5	<0.5	<0.5	<0.6	12	<1	<1	<1	<25
	05/02/03	<50	<0.5	<0.5	<0.5	<0.6	15	<1	<1	<1	<25
	07/15/03	<50	<0.5	<0.5	<0.5	<0.6	8.6	<1	<1	<1	<25
	01/20/04	<50	<0.5	<0.5	<0.5	<0.6	8.0	<1	<1	<1	<25
	09/10/04	<50	<0.5	<0.5	<0.5	<0.6	24	<1	<1	<1	<25
	01/05/05	<50	<0.5	<0.5	<0.5	<0.6	7.4	<1	<1	<1	<25

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SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-2	08/21/91	<50.0	<0.5	<0.5	<0.5	<0.5	--	--	--	---	---
	09/16/92	<50.0	<0.5	<0.5	<0.5	<0.5	--	--	--	---	---
	05/05/93	<500.0	<0.5	<0.5	<0.5	<0.5	--	--	--	---	---
	08/31/93	<500.0	<1.0	<1.0	<1.0	<1.0	--	--	--	---	---
	11/11/93	<500.0	<1.0	<1.0	<1.0	<1.0	--	--	--	---	---
	08/16/95	<500.0	0.53	0.69	<0.5	1.0	--	--	--	---	---
	12/01/95	<50.0	<0.5	<0.5	<0.5	<1.0	--	--	--	---	---
	01/19/96	<50.0	<0.5	<0.5	<0.5	<1.0	--	--	--	---	---
	04/30/96	<50.0	<0.5	<0.5	<0.5	<1.0	<10.0	--	--	---	---
	08/15/96	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	---	---
	10/23/96	<50	<0.5	<0.5	<0.5	<0.5	0.5	--	--	---	---
	01/30/97	<50	<0.5	<0.5	<0.5	<0.5	0.6	--	--	---	---
	04/18/97	<50	<0.5	<0.5	<0.5	<0.5	1.0	--	--	---	---
	07/25/97	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	---	---
	10/20/97	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	---	---
	01/27/98	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	---	---

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SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-2	05/01/98	<50	<0.5	<0.5	<0.5	<0.5	1.9	—	—	---	---
	07/16/98	<50	<0.5	<0.5	<0.5	<0.5	0.9	—	—	---	---
	08/06/98	<50	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	---	---
	10/23/98	<50	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	---	---
	01/24/99	<50	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	---	---
	04/30/99	<50	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	---	---
	07/24/99	<50	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	---	---
	10/23/99	<50	<0.5	<0.5	<0.5	<1	<0.5	—	—	---	---
	01/20/00	<200	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	---	---
	04/19/00	<200	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	---	—
	07/13/00	<200	<0.5	<0.5	0.53	1.3	<5	<5	<5	<5	<200
	01/17/01	<200	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<200
	04/24/01	<200	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<200
	07/10/01	<200	<5	<5	<5	<10	<5	<5	<5	<5	<200
	10/18/01	<50	<0.5	<0.5	<0.5	<0.6	<1	<1	<1	<1	<25
	01/15/02	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25

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SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-2	04/16/02	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
	07/05/02	<50	<0.5	<0.5	<0.5	<0.6	<1	<1	<1	<1	<25
	12/03/02	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
	02/19/03	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
	05/02/03	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
	07/15/03	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
	01/20/04	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
	09/10/04	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
	01/05/05	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
MW-3											
	08/05/91	150.0	110.0	<0.5	1.7	4.0	--	--	--	--	---
	09/16/92	<50.0	<0.5	<0.5	<0.5	<0.5	--	--	--	--	---
	05/05/93	<50.0	<0.5	<0.5	<0.5	<0.5	--	--	--	--	---
	08/31/93	<500.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	---
	11/11/93	<500.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--	---
	03/16/94	<500.0	<0.5	<0.5	<0.5	<1.0	--	--	--	--	---

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SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-3	06/01/94	<500.0	<0.5	<0.5	<0.5	<1.0	--	--	--	--	---
	08/23/94	<500.0	4.5	<0.5	<0.5	<1.0	--	--	--	--	---
	10/28/94	<50.0	<0.3	<0.3	<0.3	<0.6	--	--	--	--	---
	02/16/95	<500.0	2.6	<0.5	<0.5	<1.0	--	--	--	--	---
	05/22/95	<500.0	0.8	<0.5	<0.5	<1.0	--	--	--	--	---
	08/16/95	<500.0	0.67	0.64	<0.5	<1.0	--	--	--	--	---
	12/01/95	<50.0	<0.5	<0.5	<0.5	<1.0	--	--	--	--	---
	01/19/96	<50.0	<0.5	<0.5	<0.5	<1.0	--	--	--	--	---
	04/30/96	254	<0.5	<0.5	<0.5	<1.0	4,770	--	--	--	---
	08/15/96	<50	2.8	<0.5	<0.5	<0.5	<5 ³	--	--	--	---
	10/23/96	<50	0.6	<0.5	<0.5	0.5	2,400	--	--	--	---
	01/30/97	1,200	<0.5	<0.5	<0.5	<0.5	3,400	--	--	--	---
	04/18/97	3,100	140	97	<10.75	160	4,880	--	--	--	---
	07/25/97	970	1.7	0.76	<0.5	<0.5	10,800	--	--	--	---
	10/20/97	2,700	<0.5	<0.5	<0.5	<0.5	5,890	--	--	--	---
	01/27/98	3,400**	3.6	<0.5	<0.5	<0.5	12,900	--	--	--	---

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SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-3	05/01/98	<50	1.3	1.4	<0.5	3.4	7,400	—	—	—	---
	07/16/98	<50	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	---
	08/06/98	2,700	1.1	1.0	0.5	2.9	12,200	—	—	—	---
	10/23/98	2,900	2.6	<0.5	0.8	3.6	10,608	—	—	—	---
	01/24/99	2,900**	<0.5	<0.5	<0.5	<0.5	9,310	—	—	—	---
	04/30/99	4,000**	1.6	<0.5	0.6	1.3	6,550	—	—	—	---
	07/24/99	90	<0.5	<0.5	<0.5	<0.5	2,370	—	—	—	---
	10/23/99	1,100	<0.5	<0.5	62.6	<1	4,340	—	—	—	—
	01/20/00	Not Sampled									
	04/19/00	Not Sampled									
MW-4	07/13/00	<200	0.55	<0.5	<0.5	2.71	----				
		Sampling discontinued									
MW-4	05/20/93	3,000.0	160.0	10.0	150.0	20.0	--	—	—	—	---
	08/31/93	1,800.0	69.0	1.0	86.0	4.0	--	—	—	—	---
	11/11/93	<500.0	6.6	3.1	8.0	2.4	--	—	—	—	---

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							MTBE	DIPE	ETBE	TAME	TBA
MW-4	03/16/94	1,700.0	58.0	1.4	55.0	3.0	--	--	--	--	---
	06/01/94	1,100.0	45.0	2.5	40.0	4.3	--	--	--	--	---
	08/23/94	<500.0	21.0	<0.5	34.0	1.4	--	--	--	--	---
	10/28/94	1,800.0	22.0	<0.99	29.0	<2.0	--	--	--	--	---
	02/16/95	1,700.0	28.0	0.5	66.0	2.4	--	--	--	--	---
	05/22/95	900.0	13.0	<0.5	5.7	2.6	--	--	--	--	---
	08/16/95	1,200.0	6.0	<0.5	8.0	2.0	--	--	--	--	---
	12/01/95	1,480.0	4.8	<0.5	10.0	11.0	--	--	--	--	---
	01/19/96	<50.0	<0.5	<0.5	<0.5	<1.0	--	--	--	--	---
	04/30/96	1,500	27.1	<0.5	67.5	<1.0	2,470	--	--	--	---
	08/15/96	1,200	11	1.8	3.6	3.9	6,770 ³	--	--	--	---
	10/23/96	900	7.6	<0.5	7.4	7.5	1,200	--	--	--	---
	01/30/97	1,100	6.3	<5	6.1	<5	1,100	--	--	--	---
	04/18/97	1,500	24	5.2	47	6.1	1,960	--	--	--	---
	07/25/97	1,300	<0.5	<0.5	4.0	1.7	1,640	--	--	--	---
	10/20/97	700	0.7	<0.5	1.9	1.2	99	--	--	--	---

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FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-4	01/27/98	1,500	7.2	<0.5	2.7	0.75	1,010	—	—	—	---
	05/01/98	1.6	24	<0.5	1.1	2.9	2,400	—	—	—	---
	07/16/98	1,500	24	0.5	9.9	3.0	3,450	—	—	—	---
	08/06/98	3,200	46	21	37	217	3,040	—	—	—	---
	10/23/98	1,100	<0.5	<0.5	<0.5	<0.5	1,120	—	—	—	---
	01/24/99	900**	<0.5	<0.5	0.8	<0.5	1,230	—	—	—	---
	04/30/99	<50	<0.5	<0.5	<0.5	<0.5	3.8	—	—	—	---
	07/24/99	90	<0.5	<0.5	<0.5	<0.5	43.9	—	—	—	---
	10/23/99	210	2.86	<0.5	7.98	2.09	161	—	—	—	---
	01/20/00	510*	<0.5	<0.5	<0.5	<0.5	318	—	—	—	---
	01/20/00	----	----	----	----	----	272#	—	—	—	---
	04/19/00	<200	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	---
	07/13/00	<200	<0.5	<0.5	<0.5	1.3	22	<5	<5	<5	<200
	01/17/01	<200	<0.5	<0.5	<0.5	<0.5	1.5	<5	<5	<5	<200
	04/24/00	<200	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<200
	07/10/01	<200	<5	<5	<5	<10	110	<5	<5	<5	<200

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10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-4	10/18/01	110	<0.5	<0.5	<0.5	<0.6	110	<1	<1	<1	54
	01/15/02	100	<0.5	<0.5	<0.5	<0.6	30	<1	<1	<1	<25
	04/16/02	<50	<0.5	<0.5	<0.5	<0.6	9	<1	<1	<1	<25
	07/05/02	<50	<0.5	<0.5	<0.5	<0.6	26	<1	<1	<1	<25
	12/03/02	<50	<0.5	<0.5	<0.5	<0.6	22	<1	<1	<1	<25
	02/19/03	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
	05/02/03	<50	<0.5	<0.5	<0.5	<0.6	38	<1	<1	<1	<25
	07/15/03	<50	<0.5	<0.5	<0.5	<0.6	52	<1	<1	<1	<25
	01/20/04	<50	<0.5	<0.5	<0.5	<0.6	29	<1	<1	<1	<25
	09/10/04	<50	<0.5	<0.5	<0.5	<0.6	330	<1	<1	<1	<25
MW-5	01/05/05	<50	<0.5	<0.5	<0.5	<0.6	5	<1	<1	<1	<25
	05/20/93	3,000.0	500.0	80.0	300.0	150.0	--	--	--	--	---
	08/31/93	8,600.0	700.0	840.0	500.0	2,000.0	--	--	--	--	---
	11/11/93	11,000.0	1,180.0	825.0	795.0	2,080.0	--	--	--	--	---
	03/16/94	10,000.0	520.0	1,170.0	556.0	2,460.0	--	--	--	--	---

TABLE 1
ANALYSES OF GROUNDWATER SAMPLES
BEACON BAY AUTO WASH #5
10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-5	06/01/94	7,200.0	464.0	798.0	548.0	2,440.0	--	--	--	--	---
	08/23/94	32,000.0	1,880.0	2,500.0	2,150.0	8,280.0	--	--	--	--	---
	10/28/94	8,700.0	330.0	110.0	560.0	1,800.0	--	--	--	--	---
	02/16/95	2,700.0	110.0	45.0	110.0	540.0	--	--	--	--	---
	05/22/95	8,200.0	862.0	1,100.0	1,150.0	4,390.0	--	--	--	--	---
	03/16/94	3,900.0	407.0	214.0	378.0	717.0	--	--	--	--	---
	06/01/94	2,100.0	241.0	136.0	269.0	580.0	--	--	--	--	---
	08/23/94	9,000.0	770.0	360.0	620.0	2,340.0	--	--	--	--	---
	10/28/94	1,900.0	100.0	4.8	150.0	250.0	--	--	--	--	---
	02/16/95	1,800.0	110.0	46.0	82.0	210.0	--	--	--	--	---
	05/22/95	2,000.0	196.0	95.0	361.0	609.0	--	--	--	--	---
	08/16/95	2,300.0	220.0	76.0	380.0	690.0	--	--	--	--	---
	12/01/95	3,240.0	135.0	6.5	366.0	710.0	--	--	--	--	---
	01/19/96	11,500.0	239.0	256.0	458.0	1,540.0	--	--	--	--	---
	04/30/96	3,330	122	<2.5	404	837	<10.0	--	--	--	---
	08/15/96	6,400	250	330	470	1,200	--	--	--	--	---

TABLE 1
ANALYSES OF GROUNDWATER SAMPLES
BEACON BAY AUTO WASH #5
10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-5	10/23/96	400	27	5.3	29	69	2.2	—	—	—	---
	01/30/97	100	5.6	<0.5	8.6	14	110	—	—	—	---
	04/18/97	5,400	49	40	350	980	1.6	—	—	—	---
	07/25/97	4,200	230	39	540	1,460	21	—	—	—	---
	10/20/97	670	32	32	47	118	6.2	—	—	—	---
	01/27/98	340	0.51	<0.5	38	67	<0.5	—	—	—	---
	05/01/98	<50	<0.5	<0.5	0.53	0.82	13	—	—	—	---
	07/16/98	600	3.4	<0.5	<0.5	148	1.0	—	—	—	---
	08/06/98	900	34	4.6	21	149	45	—	—	—	---
	10/23/98	600	41	7.1	5.1	118	1.0	—	—	—	---
	01/24/99	800	24	2.0	57	126	8.7	—	—	—	---
	04/30/99	400	9.5	<0.5	44	32	<0.5	—	—	—	---
	07/24/99	260	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	---
	10/23/99	170	1.9	<0.5	<0.5	<1	<0.5	—	—	—	---
	01/20/00	<200	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	---
	04/19/00	400	1.6	<0.5	11	41	<0.5	—	—	—	---

TABLE 1
ANALYSES OF GROUNDWATER SAMPLES
BEACON BAY AUTO WASH #5
10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-5	07/13/00	<200	<0.5	<0.5	<0.5	1	<5	<5	<5	<5	<200
	01/17/01	<200	2.0	<0.5	<0.5	9.6	<5	<5	<5	<5	<200
	04/24/01	<200	<0.5	<0.5	0.95	3.0	<5	<5	<5	<5	<200
	07/10/01	<200	<5	<5	<5	<10	<5	<5	<5	<5	<200
	10/18/01	170	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
	01/15/02	<50	<0.5	<0.5	<0.5	<0.6	40	<1	<1	<1	<25
	04/16/02	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
	07/05/02	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
	12/03/02	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
	02/19/03	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
	05/02/03	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
	07/15/03	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
	01/20/04	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
	09/10/04	<50	<0.5	<0.5	<0.5	<0.6	8.0	<1	<1	<1	<25
	01/05/05	<50	<0.5	<0.5	<0.5	<0.6	8.0	<1	<1	<1	<25

TABLE 1
ANALYSES OF GROUNDWATER SAMPLES
BEACON BAY AUTO WASH #5
10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-6	01/19/96	53,500.0	5,520.0	3,410.0	303.0	2,530.0	--	--	--	--	---
	04/30/96	20,200	4,370	2,800	213	1,860	<10.0	--	--	--	---
	08/15/96	135,000	22,500	20,060	3,000	17,300	--	--	--	--	---
	10/23/96	4,300	1,400	180	230	760	47	--	--	--	---
	01/30/97	2,900	560	67	260	470	67	--	--	--	---
	04/18/97	44,000	8,590	5,810	64	6,380	140	--	--	--	---
	07/25/97	32,000	160	13,500	1,670	1,220	9,370	--	--	--	---
	10/20/97	11,000	3,450	122	544	1,720	93	--	--	--	---
	01/27/98	13,000	3,720	180	680	1,800	100	--	--	--	---
	05/01/98	72	1,000	1,100	900	2,400	200	--	--	--	---
	07/16/98	67,000	19,200	8,610	3,080	13,100	220	--	--	--	---
	08/06/98	73,000	19,600	7,360	3,170	13,200	364	--	--	--	---
	10/23/98	10,000	3,700	9.6	57	1,150	142	--	--	--	---
	01/24/99	16,000	4,440	16	502	1,050	67	--	--	--	---
	04/30/99	29,000	6,960	28	1,000	1,980	76	--	--	--	---
	07/24/99	10,400	5,460	4.25	172	815	140	--	--	--	---

TABLE 1
ANALYSES OF GROUNDWATER SAMPLES
BEACON BAY AUTO WASH #5
10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-6	10/23/99	70	1,200	<0.5	780	1.67	18.3	—	—	—	---
	11/22/99	6,560	3,780	20	138	842.2	<10	—	—	—	---
	01/20/00	23,000	5,620	122	329	1,685	105	—	—	—	—
	04/19/00	116,000	497	2,240	458	4,870	115,000	—	—	—	---
	07/13/00	18,000	3,300	150	542	1,489	6,300	<5	<5	25	89,000
	01/17/01	19,000	5,000	14	240	704.9	300	<5	<5	<5	46,000
	04/24/01	20,000	5,600	62	140	999	240	<5	<5	<5	26,000
	07/10/01	17,000	5,000	9.6	40	340	130	<5	<5	<5	14,000
	10/18/01	9,200	4,200	5.5	9.4	46.2	55	<1	2.7	<1	15,000
	01/15/02	6,000	2,200	<0.5	<0.5	40	830	<1	<1	<1	20,000
	04/16/02	9,100	430	500	<0.5	3,900	20	<1	<1	<1	660
	07/05/02	5,100	240	370	360	2,600	27	<1	<1	<1	600
	12/03/02	870	30	4.4	<0.5	64	27	<1	<1	<1	360
	02/19/03	950	41	<0.5	16	60	29	<1	<1	<1	<25
	05/02/03	200	6.6	<0.5	<0.5	<0.6	32	<1	<1	<1	<25
	07/15/03	100	<0.5	<0.5	<0.5	<0.6	17	<1	<1	<1	<25

TABLE 1
ANALYSES OF GROUNDWATER SAMPLES
BEACON BAY AUTO WASH #5
10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-6	01/20/04	160	<0.5	<0.5	<0.5	<0.6	21	<1	<1	<1	<25
	09/10/04	210	33	<0.5	<0.5	2.6	34	<1	<1	<1	<25
	01/05/05	800	<0.5	<0.5	<0.5	<0.6	44	<1	<1	<1	<25
MW-7	01/19/96	<50.0	<0.5	<0.5	<0.5	<1.0	--	--	--	--	---
	04/30/96	<50.0	<0.5	<0.5	<0.5	<1.0	<10.0	--	--	--	---
	08/15/96	<50	0.9	0.7	<0.5	<0.5	---	--	--	--	---
	10/23/96	<50	1.0	<0.5	<0.5	0.6	<0.5	--	--	--	---
	01/30/97	<50	<0.5	0.9	<0.5	1.5	6.3	--	--	--	---
	04/18/97	60	<0.5	<0.5	<0.5	0.62	12	--	--	--	---
	07/25/97	90	10	1.7	1.0	9.0	12	--	--	--	---
	10/20/97	<50	<0.5	<0.5	<0.5	<0.5	9.4	--	--	--	---
	01/27/98	110	1.4	3.3	0.5	4.0	49	--	--	--	---
	05/01/98	<50	<0.5	<0.5	<0.5	<0.5	22	--	--	--	---
	07/16/98	100	17	10	0.6	5.6	21	--	--	--	---
	08/06/98	60	<0.5	<0.5	<0.5	<0.5	23	--	--	--	---

TABLE 1
ANALYSES OF GROUNDWATER SAMPLES
BEACON BAY AUTO WASH #5
10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-7	10/23/98	<50	<0.5	<0.5	<0.5	<0.5	19	—	—	—	---
	01/24/99	<50	<0.5	<0.5	<0.5	<0.5	18	—	—	—	---
	04/30/99	<50	<0.5	<0.5	<0.5	<0.5	14	—	—	—	---
	07/24/99	<50	<0.5	<0.5	<0.5	<0.5	18.8	—	—	—	---
	10/23/99	230	<0.5	<0.5	1.32	2.11	<0.5	—	—	—	---
	01/20/00	<200	<0.5	<0.5	<0.5	<0.5	16	—	—	—	—
	04/19/00	107,000	366	1,450	16	4,690	109,000	—	—	—	---
	05/02/00	87,000	314	1,020	256	2,720	88,500	—	—	—	---
	07/13/00	6,100	208	26	98	1,476	2,900	<5	16	13	100,000
	01/17/01	1,200	21	0.97	10	206.9	16	<5	<5	<5	13,000
	04/24/01	340	7.3	<0.5	0.57	20.74	6.6	<5	<5	<5	4,700
	07/10/01	230	5	<5	<5	<10	13	<5	<5	<5	2,300
	10/18/01	180	4.2	<1	<0.5	2.1	6.5	<1	<1	<1	2,300
	01/15/02	260	<0.5	20	<0.5	29	35	<1	<1	<1	2,500
	04/16/02	140	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	1,600
	07/05/02	170	<0.5	<0.5	<0.5	<0.6	8	<1	<1	<1	3,800

TABLE 1
ANALYSES OF GROUNDWATER SAMPLES
BEACON BAY AUTO WASH #5
10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-7	12/03/02	<50	<0.5	<0.5	<0.5	<0.6	5	<1	<1	<1	220
	02/19/03	Sampling Discontinued									
MW-8	01/19/96	<50.0	<0.5	<0.5	<0.5	<1.0	--	--	--	--	---
	04/30/96	<50.0	<0.5	<0.5	<0.5	<1.0	64.1	--	--	--	---
	08/15/96	<50	<0.5	<0.5	<0.5	<0.5	2,270 ³	--	--	--	---
	10/23/96	<50	<0.5	<0.5	<0.5	<0.5	110	--	--	--	---
	01/30/97	<50	<0.5	<0.5	<0.5	<0.5	4.1	--	--	--	---
	04/18/97	200	0.57	<0.5	5.0	24	45	--	--	--	---
	07/25/97	120	<0.5	<0.5	<0.5	<0.5	54	--	--	--	---
	10/20/97	96	<0.5	<0.5	<0.5	<0.5	4.1	--	--	--	---
	01/27/98	90	0.91	<0.5	<0.5	0.77	54	--	--	--	---
	05/01/98	0.10	<0.5	<0.5	<0.5	<0.5	47	--	--	--	---
	07/16/98	80	<0.5	<0.5	<0.5	<0.5	41	--	--	--	---
	08/06/98	200	8.8	5.9	3.3	17	43	--	--	--	---
	10/23/98	100	<0.5	<0.5	<0.5	5.2	27	--	--	--	---

TABLE 1
ANALYSES OF GROUNDWATER SAMPLES
BEACON BAY AUTO WASH #5
10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-8	01/24/99	90	<0.5	<0.5	<0.5	1.0	26	—	—	—	---
	04/30/99	<50	<0.5	<0.5	<0.5	0.6	17	—	—	—	---
	07/24/99	160	<0.5	<0.5	<0.5	<0.5	26.2	—	—	—	---
	10/23/99	80	<0.5	<0.5	1.11	1.05	<0.5	—	—	—	---
	01/20/00	<200	<0.5	<0.5	<0.5	<0.5	28	—	—	—	---
	04/19/00	<200	<0.5	<0.5	<0.5	<0.5	13	—	—	—	---
	07/13/00	<200	1.1	<0.5	<0.5	3.88	19	<5	<5	<5	<200
	01/17/01	<200	<0.5	<0.5	<0.5	<0.5	12	<5	<5	<5	<200
	04/24/01	<200	0.90	<0.5	<0.5	0.60	16	<5	<5	<5	<200
	07/10/01	<200	<5	<5	<5	<10	15	<5	<5	<5	<200
10035 ELLIS AVENUE	10/18/01	100	<0.5	<0.5	<0.5	<0.6	20	<1	<1	<1	<25
	01/15/02	60	<0.5	<0.5	<0.5	<0.6	26	<1	<1	<1	30
	04/16/02	60	<0.5	<0.5	<0.5	<0.6	12	<1	<1	<1	<25
	07/05/02	64	<0.5	<0.5	<0.5	<0.6	18	<1	<1	<1	<25
	12/03/02	<50	<0.5	<0.5	<0.5	<0.6	17	<1	<1	<1	<25
FOUNTAIN VALLEY, CALIFORNIA	02/19/03	<50	<0.5	<0.5	<0.5	<0.6	18	<1	<1	<1	<25

TABLE 1
ANALYSES OF GROUNDWATER SAMPLES
BEACON BAY AUTO WASH #5
10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-8	05/02/03	<50	<0.5	<0.5	<0.5	<0.6	20	<1	<1	<1	<25
	07/15/03	<50	<0.5	<0.5	<0.5	<0.6	9.3	<1	<1	<1	<25
	01/20/04	<50	<0.5	<0.5	<0.5	<0.6	5.3	<1	<1	<1	<25
	09/10/04	<50	<0.5	<0.5	<0.5	<0.6	17	<1	<1	<1	<25
	01/05/05	<50	<0.5	<0.5	<0.5	<0.6	<5	<1	<1	<1	<25
MW-9	01/19/96	43,100.0	1,760.0	1,050.0	237.0	2,820.0	--	--	--	--	--
	04/30/96	38,900	3,500	4,500	1,510	8,600	<10.0	--	--	--	--
	08/15/96	23,000	2,500	920	1,300	4,800	--	--	--	--	--
	10/23/96	400	78	3.2	42	49	1.1	--	--	--	--
	01/30/97	100	9.0	1.6	1.0	5.2	100	--	--	--	--
	04/18/97	19,000	1,260	850	120	4,810	110	--	--	--	--
	07/25/97	10,000	2,570	190	810	3,460	9.5	--	--	--	--
	10/20/97	5,300	570	29	279	436	1.2	--	--	--	--
	01/27/98	13,000	1,240	310	880	3,160	7.4	--	--	--	--
	05/01/98	30	690	820	4.2	1,600	15	--	--	--	--

TABLE 1
ANALYSES OF GROUNDWATER SAMPLES
BEACON BAY AUTO WASH #5
10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-9	07/16/98	26,000	1,740	1,470	1,890	7,350	35	—	—	—	—
	08/06/98	22,000	1,820	1,050	1,690	5,590	5.5	—	—	—	—
	10/23/98	1,600	342	6.3	59	85	5.8	—	—	—	—
	01/24/99	1,800	538	1.0	32	4.8	3.5	—	—	—	—
	04/30/99	1,600	356	<0.5	0.6	63	2.0	—	—	—	—
	07/24/99	1,890	257	<0.5	3.59	18.9	<0.5	—	—	—	—
	10/23/99	1,680	129	<2.5	339	72.5	<2.5	—	—	—	—
	01/20/00	1,100*	<0.5	<0.5	<0.5	2.9	3.4	—	—	—	—
	04/19/00	900	105	<0.5	<0.5	12.4	6.7	—	—	—	—
	07/13/00	2,700	416	2.6	0.88	18.7	<5	<5	<5	<5	<200
	01/17/01	3,400	280	4.4	42	481	<5	<5	<5	<5	<200
	04/24/01	<200	0.51	<0.5	<0.5	<0.5	17	<5	<5	<5	<200
	07/10/01	930	210	<5	5.4	<10	<5	<5	<5	<5	<200
	10/18/01	2,000	240	1.3	2.8	30	<1	<1	<1	<1	<25
	01/15/02	1,500	170	<0.5	<0.5	150	<5	<1	<1	<1	<25
	04/16/02	900	110	<0.5	<0.5	3	<5	<1	<1	<1	<25

TABLE 1
ANALYSES OF GROUNDWATER SAMPLES
BEACON BAY AUTO WASH #5
10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-9	07/05/02	860	97	<0.5	<0.5	2	<1	<1	<1	<1	<25
	12/03/02	1,000	36	<0.5	30	272	<5	<1	<1	<1	<25
	02/19/03	1,300	53	2.2	29	477	<5	<1	<1	<1	<25
	05/02/03	700	450	4.6	5	123.1	<5	<1	<1	<1	<25
	07/15/03	1,600	210	2.2	4.1	34	<5	<1	<1	<1	<25
	01/20/04	1,900	130	11	16	12	<5	<1	<1	<1	<25
	09/10/04	1,200	9.5	5.6	<0.5	8.0	<5	<1	<1	<1	<25
	01/05/05	1,100	85	2.1	2.5	35	<5	<1	<1	<1	<25
MW-10	12/03/02	670	290	<0.5	11	3.4	36	<1	<1	<1	<25
	02/19/03	1,100	1,100	<0.5	27	4.7	<5	<1	<1	<1	<25
	05/02/03	2,300	2,000	2.5	36	<0.6	17	<1	<1	<1	<25
	07/15/03	2,800	910	<0.5	47	<0.6	18	<1	<1	<1	<25
	01/20/04	2,300	1,500	<0.5	14	<0.6	37	<1	<1	<1	<25
	09/10/04	800	130	<0.5	<0.5	<0.6	35	<1	<1	<1	<25
	01/05/05	650	35	<0.5	<0.5	<0.6	5.4	<1	<1	<1	<25

TABLE 1
ANALYSES OF GROUNDWATER SAMPLES
BEACON BAY AUTO WASH #5
10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-11	12/03/02	1,400	2.4	<0.5	<0.5	<0.6	730	<1	<1	<1	23,000
	02/19/03	NS									
	05/05/03	18,000	<0.5	<0.5	<0.5	<0.6	11,000	<1	<1	<1	54,000
	07/15/03	6,800	4.6	<0.5	<0.5	<0.6	4,500	<1	60	22	44,000
	01/20/04	3,200	<0.5	<0.5	<0.5	<0.6	3,200	<1	<1	<1	<25
	09/10/04	2,200	<0.5	<0.5	<0.5	<0.6	2,200	<1	<1	<1	<25
	01/05/05	810	<0.5	<0.5	<0.5	<0.6	150	<1	2.6	<1	1,500
Maximum Contaminant Levels Low Risk	None	250	300	700	1,750	None	None	None	None	None	None

TABLE 1
ANALYSES OF GROUNDWATER SAMPLES
BEACON BAY AUTO WASH #5
10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA

TPH analyzed by EPA Method 8015B(M)

BTEX analyzed by EPA Method 8020

01/17/01 - BTEX by EPA 8021B

Oxygenates analyzed by EPA Method 8260B

As of 10/18/01 - 8015-GRO and 8260B

Results in micrograms per liter (ug/L)

* Sample contains hydrocarbons that do not match the gasoline pattern, however quantitation was based using gasoline standards

- Sample confirmed by EPA Method 8260

NS - Not Sampled

TABLE 2
GROUNDWATER ELEVATION DATA
Beacon Bay Auto Wash #5, 10035 Ellis Avenue, Fountain Valley, California
OCHCA Case#89UT71

WELL NO.	DATE	DEPTH TO WATER	PRODUCT THICKNESS	GROUNDWATER ELEVATION	TOC ELEVATION
MW-1	05/05/93	4.70	0.0	91.25	95.95
	07/26/93	4.78	0.0	91.71	
	08/31/93	5.46	0.0	90.49	
	11/11/93	5.64	0.0	90.31	
	03/16/94	4.87	0.0	91.08	
	06/01/94	5.18	0.0	90.77	
	08/23/94	6.50	0.0	89.45	
	10/28/94	7.00	0.0	88.95	
	02/16/95	4.82	0.0	91.13	
	05/22/95	4.76	0.0	91.19	
	08/16/95	5.75	0.0	90.20	
	12/01/95	6.45	0.0	89.50	
	01/19/96	6.21	0.0	10.04	16.25
	04/30/96	4.63	0.0	11.62	
	08/15/96	5.51	0.0	10.74	
	10/23/96	6.31	0.0	9.94	
	01/30/97	4.00	0.0	12.25	
	04/18/97	4.76	0.0	11.49	
	07/25/97	6.13	0.0	10.12	
	10/20/97	6.87	0.0	9.38	
	01/27/98	5.20	0.0	11.05	
	05/01/98	3.50	0.0	12.75	
	07/16/98	4.73	0.0	11.52	
	08/06/98	5.50	0.0	10.75	
	10/23/98	5.95	0.0	10.03	
	01/24/99	6.00	0.0	10.25	
	04/30/99	5.06	0.0	11.19	

TABLE 2
GROUNDWATER ELEVATION DATA
Beacon Bay Auto Wash #5, 10035 Ellis Avenue, Fountain Valley, California
OCHCA Case#89UT71

WELL NO.	DATE	DEPTH TO WATER	PRODUCT THICKNESS	GROUNDWATER ELEVATION	TOC ELEVATION
MW-1	07/24/99	8.04	0.0	8.21	16.25
	10/23/99	6.97	0.0	9.28	
	01/20/00	5.71	0.0	10.54	
	04/19/00	5.00	0.0	11.25	
	06/05/00	5.50	0.0	10.75	
	06/20/00	5.70	0.0	10.55	
	07/13/00	5.96	0.0	10.29	
	01/17/01	5.65	0.0	10.60	
	04/24/01	4.52	0.0	11.73	
	07/10/01	5.16	0.0	11.09	
	10/18/01	6.52	0.0	9.73	
	01/15/02	6.48	0.0	9.77	
	04/16/02	7.02	0.0	9.23	
	07/05/02	7.42	0.0	8.83	
	12/03/02	8.06	0.0	8.19	
	02/19/03	7.68	0.0	8.57	
	05/02/03	6.80	0.0	9.45	
	07/15/03	6.60	0.0	9.65	
	01/20/04	8.26	0.0	10.06	18.32*
	09/10/04	7.16	0.0	11.16	
	01/05/05	5.38	0.0	12.94	

TABLE 2
GROUNDWATER ELEVATION DATA
Beacon Bay Auto Wash #5, 10035 Ellis Avenue, Fountain Valley, California
OCHCA Case#89UT71

WELL NO.	DATE	DEPTH TO WATER	PRODUCT THICKNESS	GROUNDWATER ELEVATION	TOC ELEVATION
MW-2	05/05/93	5.10	0.0	90.96	96.06
	07/26/93	4.65	0.0	91.41	
	08/31/93	6.45	0.0	89.61	
	11/11/93	6.05	0.0	90.01	
	03/16/94	4.81	0.0	91.25	
	06/01/94	5.51	0.0	90.55	
	08/23/94	6.85	0.0	89.21	
	02/16/95	5.12	0.0	90.94	
	05/22/95	5.16	0.0	90.90	
	08/16/95	6.23	0.0	89.83	
	12/01/95	6.42	0.0	89.64	
	01/19/96	6.14	0.0	10.24	16.38
	04/30/96	4.72	0.0	11.66	
	08/15/96	5.91	0.0	10.47	
	10/23/96	6.31	0.0	10.07	
	01/30/97	4.70	0.0	11.68	
	04/18/97	5.00	0.0	11.38	
	07/25/97	6.70	0.0	9.68	
	10/20/97	6.95	0.0	9.43	
	01/27/98	5.25	0.0	11.13	
	05/01/98	4.21	0.0	12.17	
	07/16/98	7.45	0.0	8.93	
	08/06/98	5.67	0.0	10.71	
	10/23/98	5.72	0.0	10.66	
	01/24/99	6.16	0.0	10.22	
	04/30/99	5.31	0.0	11.07	
	07/24/99	6.48	0.0	9.9	

TABLE 2
GROUNDWATER ELEVATION DATA
Beacon Bay Auto Wash #5, 10035 Ellis Avenue, Fountain Valley, California
OCHCA Case#89UT71

WELL NO.	DATE	DEPTH TO WATER	PRODUCT THICKNESS	GROUNDWATER ELEVATION	TOC ELEVATION
MW-2	10/23/99	7.15	0.0	9.23	16.38
	01/20/00	5.92	0.0	10.46	
	04/19/00	4.86	0.0	11.52	
	06/05/00	5.65	0.0	10.73	
	06/20/00	5.90	0.0	10.48	
	07/13/00	6.06	0.0	10.32	
	01/17/01	5.40	0.0	10.98	
	04/24/01	4.53	0.0	11.85	
	07/10/01	5.28	0.0	11.10	
	10/18/01	6.46	0.0	9.92	
	01/15/02	6.52	0.0	9.86	
	04/16/02	6.96	0.0	9.42	
	07/05/02	7.34	0.0	9.04	
	12/03/02	7.72	0.0	8.66	
	02/19/03	7.44	0.0	8.94	
	05/02/03	6.94	0.0	9.44	
	07/15/03	6.52	0.0	9.86	
	01/20/04	7.98	0.0	10.48	18.46*
	09/10/04	6.82	0.0	11.64	
	01/05/05	5.48	0.0	12.98	

TABLE 2
GROUNDWATER ELEVATION DATA
Beacon Bay Auto Wash #5, 10035 Ellis Avenue, Fountain Valley, California
OCHCA Case#89UT71

WELL NO.	DATE	DEPTH TO WATER	PRODUCT THICKNESS	GROUNDWATER ELEVATION	TOC ELEVATION
MW-3	05/05/93	4.10	0.0	91.46	95.56
	07/26/93	5.15	0.0	90.41	
	08/31/93	5.41	0.0	90.15	
	11/11/93	6.08	0.0	89.48	
	03/16/94	6.73	0.0	88.83	
	06/01/94	6.55	0.0	89.01	
	08/23/94	7.21	0.0	88.35	
	10/28/94	7.97	0.0	87.59	
	02/16/95	5.32	0.0	90.24	
	05/22/95	5.27	0.0	90.29	
	08/16/95	5.84	0.0	89.72	
	12/01/95	6.72	0.0	88.84	
	01/19/96	6.78	0.0	9.07	15.85
	04/30/96	6.59	0.0	9.26	
	08/15/96	6.56	0.0	9.29	
	10/23/96	6.25	0.0	9.60	
	01/30/97	5.47	0.0	10.38	
	04/18/97	6.43	0.0	9.42	
	07/25/97	6.03	0.0	9.82	
	10/20/97	6.65	0.0	9.20	
	01/27/98	6.15	0.0	9.70	
	05/01/98	4.68	0.0	11.17	
	07/16/98	5.25	0.0	10.60	
	08/06/98	5.50	0.0	10.35	
	10/23/98	5.79	0.0	10.06	
	01/24/99	6.32	0.0	9.53	
	04/30/99	6.02	0.0	9.83	

TABLE 2
GROUNDWATER ELEVATION DATA
Beacon Bay Auto Wash #5, 10035 Ellis Avenue, Fountain Valley, California
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TABLE 2
GROUNDWATER ELEVATION DATA
Beacon Bay Auto Wash #5, 10035 Ellis Avenue, Fountain Valley, California
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WELL NO.	DATE	DEPTH TO WATER	PRODUCT THICKNESS	GROUNDWATER ELEVATION	TOC ELEVATION
MW-4	07/26/93	4.68	0.0	91.47	96.15
	08/31/93	5.30	0.0	90.85	
	11/11/93	5.29	0.0	90.86	
	03/16/94	4.99	0.0	91.16	
	06/01/94	4.61	0.0	91.54	
	08/23/94	7.91	0.0	88.24	
	10/28/94	6.45	0.0	89.70	
	02/16/95	4.25	0.0	91.90	
	05/22/95	5.02	0.0	91.13	
	08/16/95	5.40	0.0	90.75	
	12/01/95	6.12	0.0	90.03	
	01/19/96	6.28	0.0	10.15	16.43
	04/30/96	4.06	0.0	12.37	
	08/15/96	5.09	0.0	11.34	
	10/23/96	5.62	0.0	10.82	
	01/30/97	4.05	0.0	12.38	
	04/18/97	4.48	0.0	11.95	
	07/25/97	5.56	0.0	10.87	
	10/20/97	6.14	0.0	10.29	
	01/27/98	4.88	0.0	11.55	
	05/01/98	3.06	0.0	13.37	
	07/16/98	4.31	0.0	12.12	
	08/06/98	4.55	0.0	11.88	
	10/23/98	4.97	0.0	11.46	
	01/24/99	5.85	0.0	10.58	
	04/30/99	4.80	0.0	11.63	
	07/24/99	5.46	0.0	10.97	

TABLE 2
GROUNDWATER ELEVATION DATA
Beacon Bay Auto Wash #5, 10035 Ellis Avenue, Fountain Valley, California
OCHCA Case#89UT71

WELL NO.	DATE	DEPTH TO WATER	PRODUCT THICKNESS	GROUNDWATER ELEVATION	TOC ELEVATION
MW-4	10/23/99	6.50	0.0	9.93	16.43
	01/20/00	5.41	0.0	11.02	
	04/19/00	4.66	0.0	11.77	
	06/05/00	5.12	0.0	11.31	
	06/20/00	5.20	0.0	11.23	
	07/13/00	5.42	0.0	11.01	
	01/17/01	5.38	0.0	11.05	
	04/24/01	3.92	0.0	12.51	
	07/10/01	4.94	0.0	11.49	
	10/18/01	6.22	0.0	10.21	
	01/15/02	6.32	0.0	10.11	
	04/16/02	6.62	0.0	9.81	
	07/05/02	6.78	0.0	9.65	
	12/03/02	7.70	0.0	8.73	
	02/19/03	8.18	0.0	8.27	
	05/02/03	6.44	0.0	9.99	
	07/15/03	6.38	0.0	10.05	
	01/20/04	7.92	0.0	10.45	18.37*
	09/10/04	7.14	0.0	11.23	
	01/05/05	5.46	0.0	12.91	

TABLE 2
GROUNDWATER ELEVATION DATA
Beacon Bay Auto Wash #5, 10035 Ellis Avenue, Fountain Valley, California
OCHCA Case#89UT71

WELL NO.	DATE	DEPTH TO WATER	PRODUCT THICKNESS	GROUNDWATER ELEVATION	TOC ELEVATION
MW-5	07/26/93	4.48	0.0	91.49	95.97
	08/31/93	5.42	0.0	90.55	
	11/11/93	6.03	0.0	89.94	
	03/16/94	5.04	0.0	90.93	
	06/01/94	4.42	0.0	91.55	
	08/23/94	5.41	0.0	90.56	
	10/28/94	6.62	0.0	89.35	
	02/16/95	4.41	0.0	91.56	
	05/22/95	4.95	0.0	91.02	
	08/16/95	5.47	0.0	90.50	
	12/01/95	6.03	0.0	89.94	
	01/19/96	5.76	0.0	10.48	16.24
	04/30/96	5.00	0.0	11.24	
	08/15/96	5.00	0.0	11.24	
	10/23/96	5.47	0.0	10.77	
	01/30/97	4.29	0.0	11.95	
	04/18/97	4.82	0.0	11.42	
	07/25/97	5.67	0.0	10.57	
	10/20/97	6.15	0.0	10.09	
	01/27/98	5.10	0.0	11.14	
	05/01/98	3.96	0.0	12.28	
	07/16/98	4.61	0.0	11.63	
	08/06/98	4.82	0.0	11.42	
	10/23/98	5.36	0.0	10.88	
	01/24/99	5.70	0.0	10.54	
	04/30/99	5.08	0.0	11.16	
	07/24/99	5.55	0.0	10.69	

TABLE 2
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WELL NO.	DATE	DEPTH TO WATER	PRODUCT THICKNESS	GROUNDWATER ELEVATION	TOC ELEVATION
MW-5	10/23/99	6.31	0.0	9.93	16.24
	01/20/00	5.77	0.0	10.47	
	04/19/00	4.90	0.0	11.34	
	06/05/00	5.03	0.0	11.21	
	06/20/00	5.10	0.0	11.14	
	07/13/00	5.28	0.0	10.96	
	01/7/01	5.28	0.0	10.96	
	04/24/01	4.28	0.0	11.96	
	07/10/01	5.02	0.0	11.22	
	10/18/01	5.98	0.0	10.26	
	01/15/02	6.28	0.0	9.96	
	04/16/02	6.64	0.0	9.60	
	07/05/02	6.72	0.0	9.52	
	12/03/02	7.58	0.0	8.66	
	02/19/03	7.08	0.0	9.16	
	05/02/03	6.60	0.0	9.64	
	07/15/03	6.20	0.0	10.04	
	01/20/04	7.84	0.0	10.36	18.20*
	09/10/04	6.84	0.0	11.36	
	01/05/05	5.52	0.0	12.68	

TABLE 2
GROUNDWATER ELEVATION DATA
Beacon Bay Auto Wash #5, 10035 Ellis Avenue, Fountain Valley, California
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WELL NO.	DATE	DEPTH TO WATER	PRODUCT THICKNESS	GROUNDWATER ELEVATION	TOC ELEVATION
MW-6	01/19/96	7.34	0.0	9.33	16.67
	04/30/96	6.26	0.0	10.41	
	08/15/96	6.15	0.0	10.52	
	10/23/96	6.74	0.0	9.93	
	01/30/97	6.32	0.0	10.35	
	04/18/97	6.27	0.0	10.40	
	07/25/97	6.85	0.0	9.82	
	10/20/97	7.31	0.0	9.36	
	01/27/98	6.75	0.0	9.92	
	05/01/98	5.33	0.0	11.34	
	07/16/98	7.81	0.0	8.86	
	08/06/98	5.89	0.0	10.78	
	10/23/98	6.55	0.0	10.12	
	01/24/99	6.94	0.0	9.73	
	04/30/99	6.58	0.0	10.09	
	07/24/99	6.78	0.0	9.89	
	10/23/99	7.40	0.0	9.27	
	01/20/00	7.09	0.0	9.58	
	04/19/00	4.55	0.0	12.12	
	06/05/00	5.76	0.0	10.91	
	06/20/00	5.90	0.0	10.77	
	07/13/00	6.24	0.0	10.43	
	01/17/01	6.75	0.0	9.92	
	04/24/01	5.62	0.0	11.05	
	07/10/01	6.06	0.0	10.61	
	10/18/01	7.12	0.0	9.55	
	01/15/02	7.56	0.0	9.11	

TABLE 2
GROUNDWATER ELEVATION DATA
Beacon Bay Auto Wash #5, 10035 Ellis Avenue, Fountain Valley, California
OCHCA Case#89UT71

WELL NO.	DATE	DEPTH TO WATER	PRODUCT THICKNESS	GROUNDWATER ELEVATION	TOC ELEVATION
MW-6	04/16/02	8.38	0.0	8.29	16.67
	07/05/02	8.16	0.0	8.51	
	12/03/02	8.74	0.0	7.93	
	02/19/03	9.02	0.0	7.65	
	05/02/03	8.28	0.0	8.39	
	07/15/03	7.81	0.0	7.81	
	01/20/04	9.66	0.0	9.29	18.95*
	09/10/04	7.42	0.0	11.53	
	01/05/05	7.24	0.0	11.71	
MW-7	01/19/96	7.31	0.0	9.42	16.73
	04/30/96	6.25	0.0	10.48	
	08/15/96	6.27	0.0	10.46	
	10/23/96	6.82	0.0	9.91	
	01/30/97	6.21	0.0	10.52	
	04/18/97	6.22	0.0	10.51	
	07/25/97	6.70	0.0	10.03	
	10/20/97	7.30	0.0	9.43	
	01/27/98	6.75	0.0	9.98	
	05/01/98	5.35	0.0	11.38	
	07/16/98	5.87	0.0	10.86	
	08/06/98	6.12	0.0	10.61	
	10/23/98	6.58	0.0	10.15	
	01/24/99	6.93	0.0	9.80	
	04/30/99	6.65	0.0	10.08	
	07/24/99	6.88	0.0	9.85	
	10/23/99	7.53	0.0	9.20	

TABLE 2
GROUNDWATER ELEVATION DATA
Beacon Bay Auto Wash #5, 10035 Ellis Avenue, Fountain Valley, California
OCHCA Case#89UT71

WELL NO.	DATE	DEPTH TO WATER	PRODUCT THICKNESS	GROUNDWATER ELEVATION	TOC ELEVATION
MW-7	01/20/00	7.30	0.0	9.43	16.73
	04/19/00	3.85	0.0	12.88	
	06/05/00	5.77	0.0	10.96	
	06/20/00	5.94	0.0	10.79	
	07/13/00	6.28	0.0	10.45	
	01/17/01	6.89	0.0	9.84	
	04/24/01	4.56	0.0	12.17	
	07/10/01	6.18	0.0	10.55	
	10/18/01	6.98	0.0	9.75	
	01/15/02	7.66	0.0	9.07	
	04/16/02	8.16	0.0	8.57	
	07/05/02	7.88	0.0	8.85	
	12/03/02	8.44	0.0	8.29	
	02/19/03	Sampling Discontinued			
	10/23/03	GPS Survey			18.76*
MW-8	01/19/96	9.38	0.0	8.93	18.31
	04/30/96	8.31	0.0	10.00	
	08/15/96	8.17	0.0	10.14	
	10/23/96	8.87	0.0	9.44	
	01/30/97	8.35	0.0	9.96	
	04/18/97	8.94	0.0	9.37	
	07/25/97	9.47	0.0	8.84	
	10/20/97	9.49	0.0	8.82	
	01/27/98	8.75	0.0	9.56	
	05/01/98	7.51	0.0	10.80	
	07/16/98	8.11	0.0	10.20	

TABLE 2
GROUNDWATER ELEVATION DATA
Beacon Bay Auto Wash #5, 10035 Ellis Avenue, Fountain Valley, California
OCHCA Case#89UT71

WELL NO.	DATE	DEPTH TO WATER	PRODUCT THICKNESS	GROUNDWATER ELEVATION	TOC ELEVATION
MW-8	08/06/98	8.44	0.0	9.87	18.31
	10/23/98	8.81	0.0	9.50	
	01/24/99	9.50	0.0	8.81	
	04/30/99	8.68	0.0	9.63	
	07/24/99	8.88	0.0	9.43	
	10/23/99	9.41	0.0	8.90	
	01/20/00	9.06	0.0	9.25	
	04/19/00	6.66	0.0	11.65	
	06/05/00	8.25	0.0	10.06	
	06/20/00	6.40	0.0	11.91	
	07/13/00	8.46	0.0	9.85	
	01/17/01	9.10	0.0	9.21	
	04/24/01	7.82	0.0	10.49	
	07/10/01	8.28	0.0	10.03	
	10/18/01	9.22	0.0	9.09	
	01/15/02	9.68	0.0	8.63	
	04/16/02	9.86	0.0	8.95	
	07/05/02	9.76	0.0	8.55	
	12/03/02	10.16	0.0	8.15	
	02/19/03	10.22	0.0	8.09	
	05/02/03	10.30	0.0	8.01	
	07/15/03	8.84	0.0	9.47	
	01/20/04	10.55	0.0	9.77	20.32*
	09/10/04	9.16	0.0	11.16	
	01/05/05	9.38	0.0	10.94	

TABLE 2
GROUNDWATER ELEVATION DATA
Beacon Bay Auto Wash #5, 10035 Ellis Avenue, Fountain Valley, California
OCHCA Case#89UT71

WELL NO.	DATE	DEPTH TO WATER	PRODUCT THICKNESS	GROUNDWATER ELEVATION	TOC ELEVATION
MW-9	01/19/96	6.31	0.0	10.19	16.50
	04/30/96	5.11	0.0	11.39	
	08/15/96	5.27	0.0	11.23	
	10/23/96	5.95	0.0	10.55	
	01/30/97	4.71	0.0	11.79	
	04/18/97	5.14	0.0	11.36	
	07/25/97	6.07	0.0	10.43	
	10/20/97	6.51	0.0	9.99	
	01/27/98	5.40	0.0	11.10	
	05/01/98	4.21	0.0	12.29	
	07/16/98	4.88	0.0	11.62	
	08/06/98	5.10	0.0	11.40	
	10/23/98	5.77	0.0	10.73	
	01/24/99	5.98	0.0	10.52	
	04/30/99	5.40	0.0	11.10	
	07/24/99	5.86	0.0	10.64	
	10/23/99	6.60	0.0	9.90	
	01/20/00	6.00	0.0	10.50	
	01/20/00	6.00	0.0	10.50	
	04/19/00	5.04	0.0	11.46	
	06/05/00	5.33	0.0	11.17	
	06/20/00	5.38	0.0	11.12	
	07/13/00	5.61	0.0	10.89	
	01/17/01	5.58	0.0	10.92	
	04/24/01	3.96	0.0	12.54	
	07/10/01	5.26	0.0	11.24	

TABLE 2
GROUNDWATER ELEVATION DATA
Beacon Bay Auto Wash #5, 10035 Ellis Avenue, Fountain Valley, California
OCHCA Case#89UT71

WELL NO.	DATE	DEPTH TO WATER	PRODUCT THICKNESS	GROUNDWATER ELEVATION	TOC ELEVATION
	10/18/01	6.16	0.0	10.34	
MW-9	01/15/02	6.48	0.0	10.02	16.50
	04/16/02	6.96	0.0	9.54	
	07/05/02	7.06	0.0	9.44	
	12/03/02	7.86	0.0	8.64	
	02/19/03	7.52	0.0	8.98	
	05/02/03	6.92	0.0	9.58	
	07/15/03	6.26	0.0	10.24	
	01/20/04	7.94	0.0	10.52	18.46*
	09/10/04	6.88	0.0	11.58	
	01/05/05	5.46	0.0	13.00	
MW-10	12/03/02	8.14	0.0		To be surveyed
	02/19/03	7.82	0.0		
	05/02/03	7.38	0.0		
	07/15/03	6.30	0.0		
	01/20/04	9.08	0.0	9.33	18.41*
	09/10/04	7.02	0.0	11.39	
	01/05/05	5.50	0.0	12.91	
MW-11	12/03/02	8.26	0.0		To be surveyed
	02/19/03	Not Sampled			
	05/05/03	7.32	0.0		
	07/15/03	7.56	0.0		
	01/20/04	8.64	0.0	9.26	17.90*
	09/10/04	7.38	0.0	10.52	
	01/05/05	7.22	0.0	10.68	

TABLE 2
GROUNDWATER ELEVATION DATA
Beacon Bay Auto Wash #5, 10035 Ellis Avenue, Fountain Valley, California
OCHCA Case#89UT71

WELL NO.	DATE	DEPTH TO WATER	PRODUCT THICKNESS	GROUNDWATER ELEVATION	TOC ELEVATION

NOTE:

All measurements are in feet

GW = Groundwater

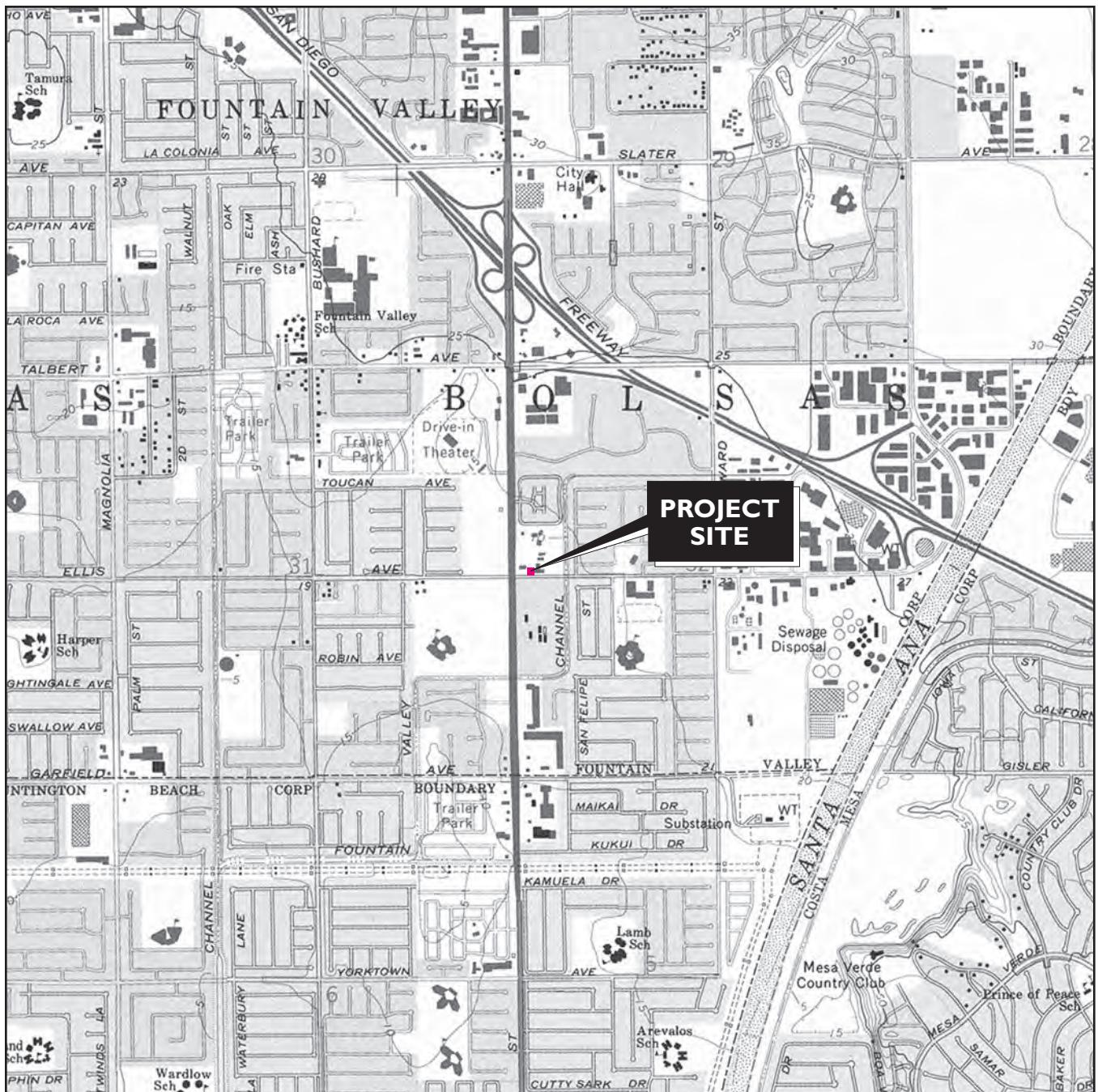
TOC = Top of Casing

*Surveyed per GPS October 23, 2003

PLATES

TABLE 1
ANALYSES OF GROUNDWATER SAMPLES
BEACON BAY AUTO WASH #5
10035 ELLIS AVENUE
FOUNTAIN VALLEY, CALIFORNIA
OCHCA Case #89UT71

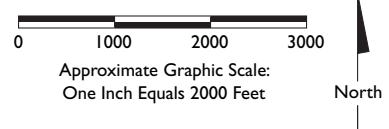
SAMPLE	DATE	TPH ug/l	B ug/l	T ug/l	E ug/l	X ug/l	OXYGENATES (ug/l)				
							MTBE	DIPE	ETBE	TAME	TBA
MW-1	08/21/91	<50.0	<0.5	<0.5	<0.5	<0.5	--	--	--	--	---
	09/16/92	<50.0	<0.5	<0.5	<0.5	<0.5	--	--	--	--	---
	05/05/93	<500.0	<0.5	<0.5	<0.5	<0.5	--	--	--	--	---
	08/31/93	<500.0	4.0	<1.0	<1.0	3.0	--	--	--	--	---
	11/11/93	<500.0	2.7	<1.0	<1.0	<1.0	--	--	--	--	---
	03/16/94	<500.0	<0.5	<0.5	<0.5	<1.0	--	--	--	--	---
	06/01/94	<500.0	5.5	3.4	2.5	5.0	--	--	--	--	---
	08/23/94	<500.0	<0.5	<0.5	<0.5	<1.0	--	--	--	--	---
	10/28/94	170	2.2	<0.3	<0.3	<0.6	--	--	--	--	---
	02/16/95	<500.0	<0.5	<0.5	<0.5	<1.0	--	--	--	--	---
	05/22/95	<500.0	0.9	<0.5	<0.5	<1.0	--	--	--	--	---
	08/16/95	<500.0	<0.5	0.88	0.54	1.7	--	--	--	--	---
	12/01/95	<50.0	<0.5	<0.5	<0.5	<1.0	--	--	--	--	---
	01/19/96	<50.0	<0.5	<0.5	<0.5	<1.0	--	--	--	--	---
	04/30/96	87.3	<0.5	<0.5	<0.5	<1.0	11.3	--	--	--	---
	08/15/96	50	1.4	<0.5	<0.5	<0.5	88 ³	--	--	--	---



Notes:

- NOTES:

 1. The base map was taken from USGS 7.5 minute Newport Beach, California topographic quadrangle, 1965, photorevised 1972.
 2. All locations and dimensions are approximate.



**C. JAMES
& ASSOCIATES, INC.**

ental Consultants

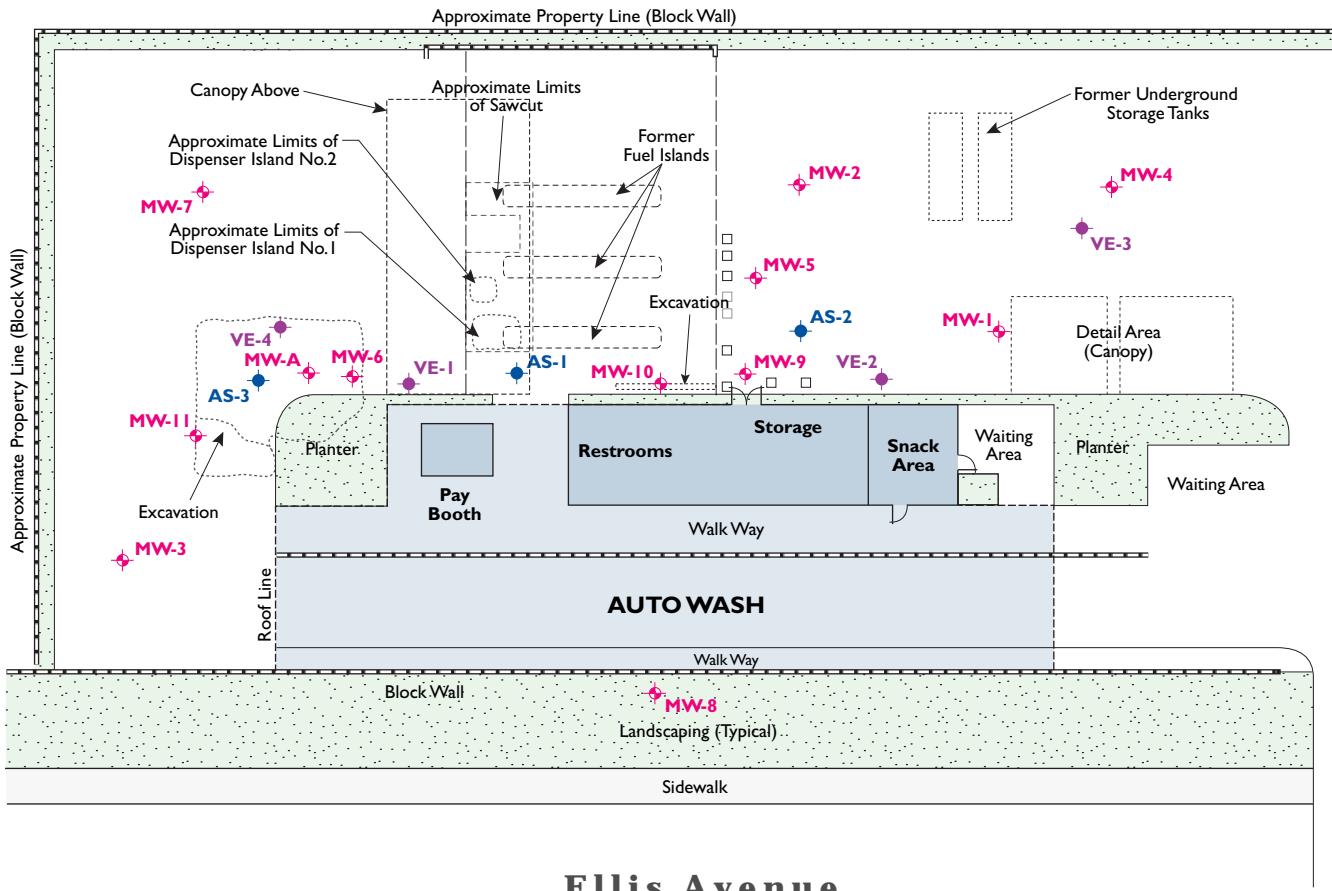
Client:

BEACON BAY AUTO WASH NO.5
10035 Ellis Avenue
Fountain Valley, California

SITE VICINITY MAP

Plate I

Drawn By: H.L. Approved By: H.H. Project Number: 00335 Date: January 2005



Ellis Avenue

EXPLANATION



Location and Designation Groundwater Monitoring Wells.



Location and Designation of Air Sparging Wells.



Location and Designation of Vapor Extraction Wells.

Approximate Graphic Scale:
One Inch Equals 40 Feet



Note:

- I. All locations are approximate. Well locations were updated 12/15/03 by survey provided by J.M. Hanks & Associates, dated October 23, 2003.

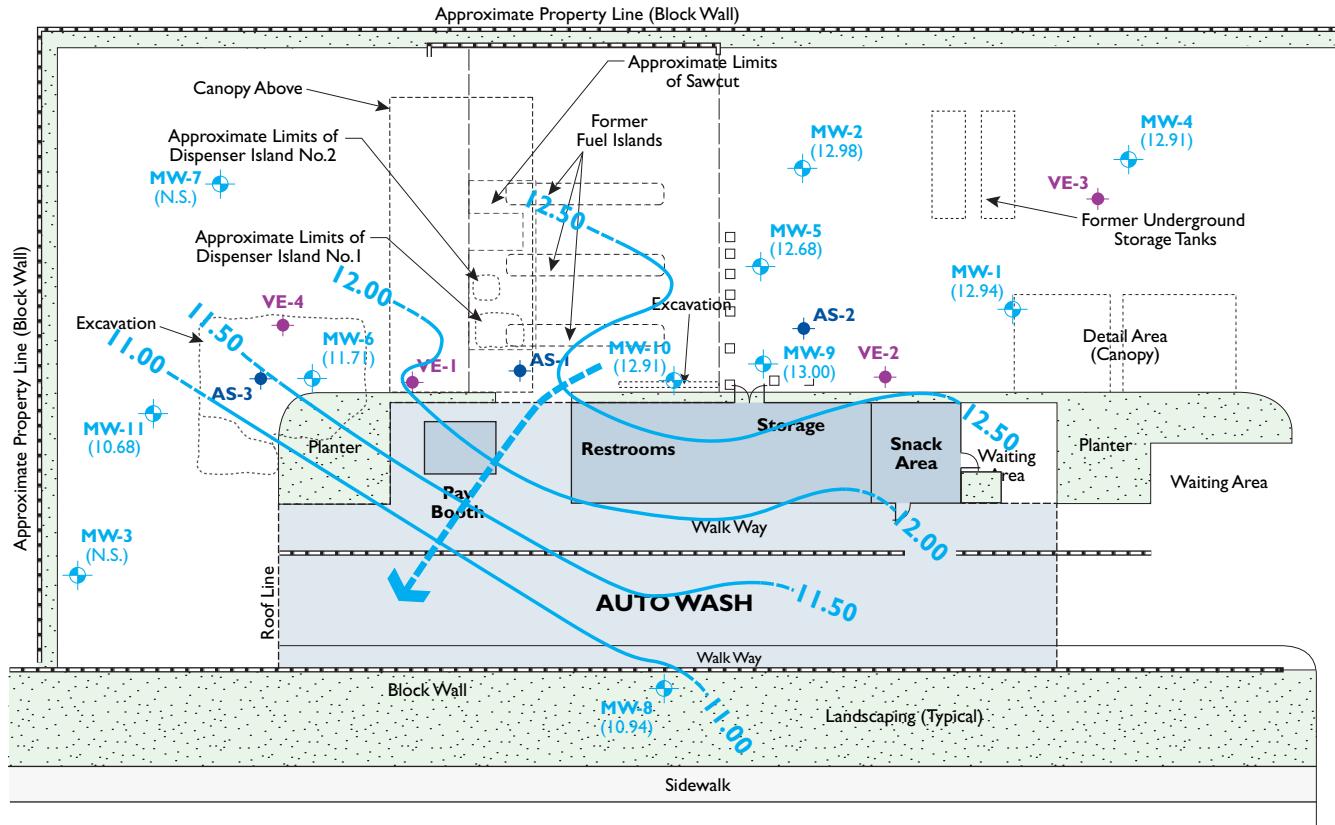


**C. JAMES
& ASSOCIATES, INC.**
Environmental Consultants

Client:
BEACON BAY AUTO WASH NO.5
10035 Ellis Avenue
Fountain Valley, California

SITE MAP

Plate 2



Ellis Avenue

EXPLANATION



Location and Designation
Groundwater Monitoring Wells.



Location and Designation of
Air Sparging Wells.



Location and Designation of
Vapor Extraction Wells.



Groundwater Elevation Contour In Feet
Above Mean Sea Level. Dashed Where Inferred.



Groundwater Elevation In Feet Above Mean Sea Level.



General Direction of Groundwater Flow.

Approximate Graphic Scale:
One Inch Equals 40 Feet



Note: Base Map Modified 5/15/04



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Client:
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10035 Ellis Avenue
Fountain Valley, California

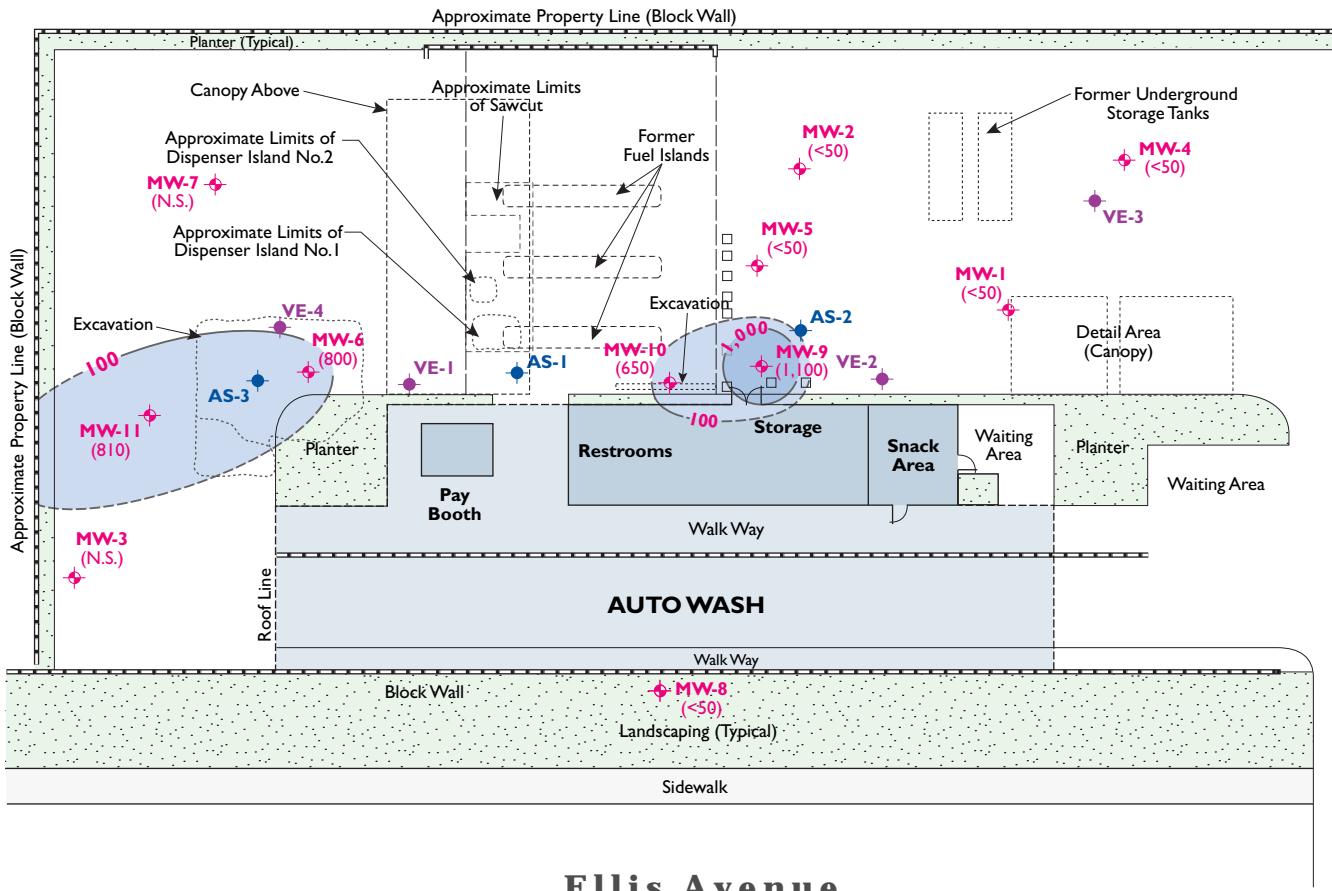
GENERALIZED SITE PLAN WITH GROUNDWATER ELEVATIONS AND GENERAL DIRECTION OF GROUNDWATER FLOW ON JANUARY 5, 2005

Plate 3

Drawn By: H.L. Approved By: H.H. Project Number: 00335 Date: January 2005

Notes:

1. All locations are approximate.
2. N.S. = Not sampled.



Ellis Avenue

EXPLANATION

- MW-11** Location and Designation Groundwater Monitoring Wells.
- AS-3** Location and Designation of Air Sparging Wells.
- VE-4** Location and Designation of Vapor Extraction Wells.
- 1,000** Contour of Total Petroleum Hydrocarbon Concentration In Micrograms Per Liter ($\mu\text{g/l}$). Dashed Where Inferred.
- (1,100)** Total Petroleum Hydrocarbon Concentration in Groundwater In Micrograms Per Liter ($\mu\text{g/l}$).

Notes:
1. All locations are approximate.
2. N.S. = Not sampled.

Approximate Graphic Scale:
One Inch Equals 40 Feet



Note: Base Map Modified 5/15/0



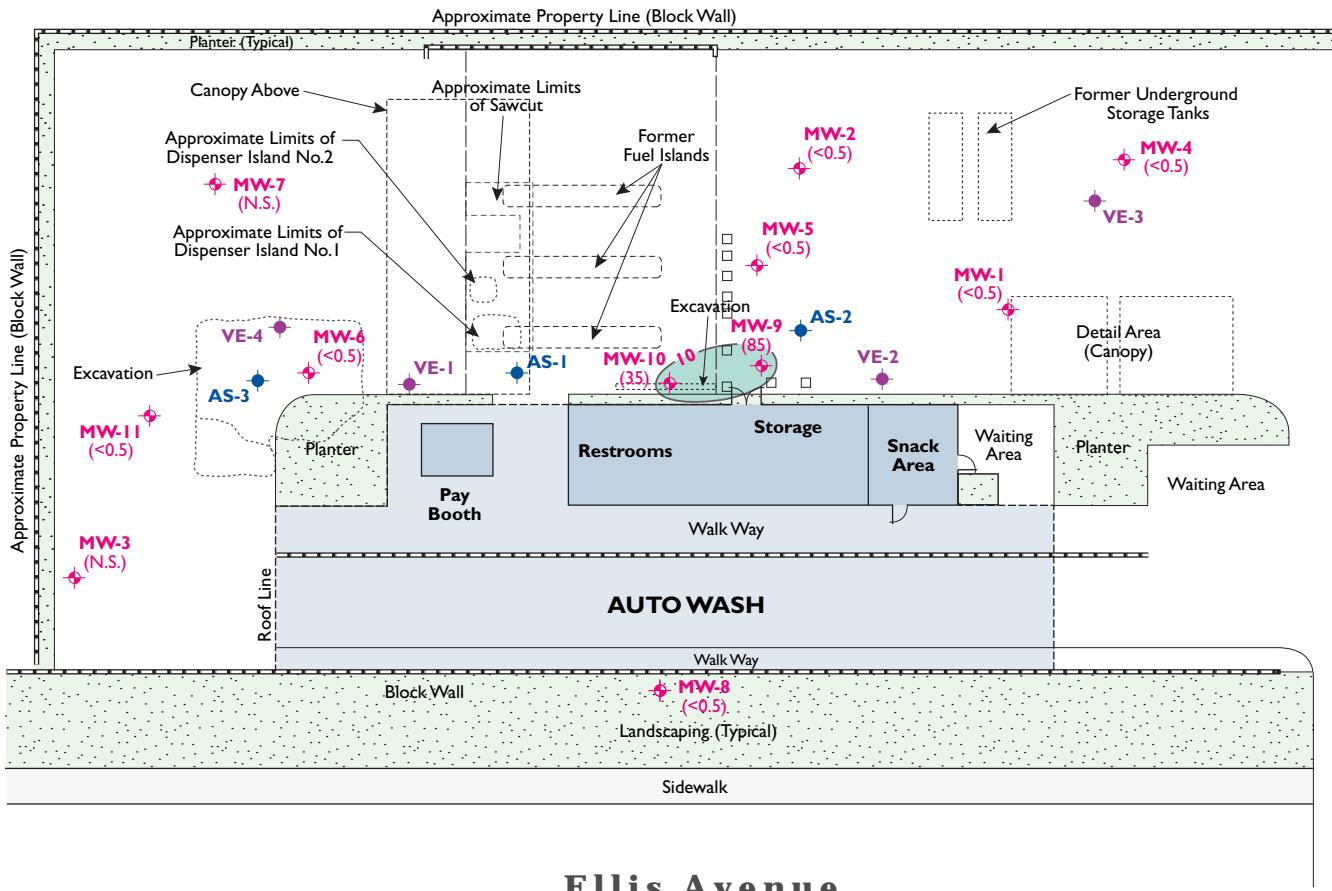
C. JAMES & ASSOCIATES, INC.
Environmental Consultants

Client:
BEACON BAY AUTO WASH NO.5
10035 Ellis Avenue
Fountain Valley, California

GENERALIZED SITE PLAN WITH TOTAL PETROLEUM HYDROCARBON CONCENTRATIONS IN GROUNDWATER ON JANUARY 5, 2005

Plate 4

Drawn By: H.L. Approved By: H.H. Project Number: 00335 Date: January 2005



EXPLANATION

MW-11
Location and Designation
Groundwater Monitoring Wells.

AS-3
Location and Designation of
Air Sparging Wells.

VE-4
Location and Designation of
Vapor Extraction Wells.

10
Contour of Benzene Concentration in Micrograms
Per Liter ($\mu\text{g/l}$). Dashed Where Inferred.

(85)
Benzene Concentration in Groundwater in
Micrograms Per Liter ($\mu\text{g/l}$).

0 20 40 60
Approximate Graphic Scale:
One Inch Equals 40 Feet



Note: Base Map Modified 5/15/02



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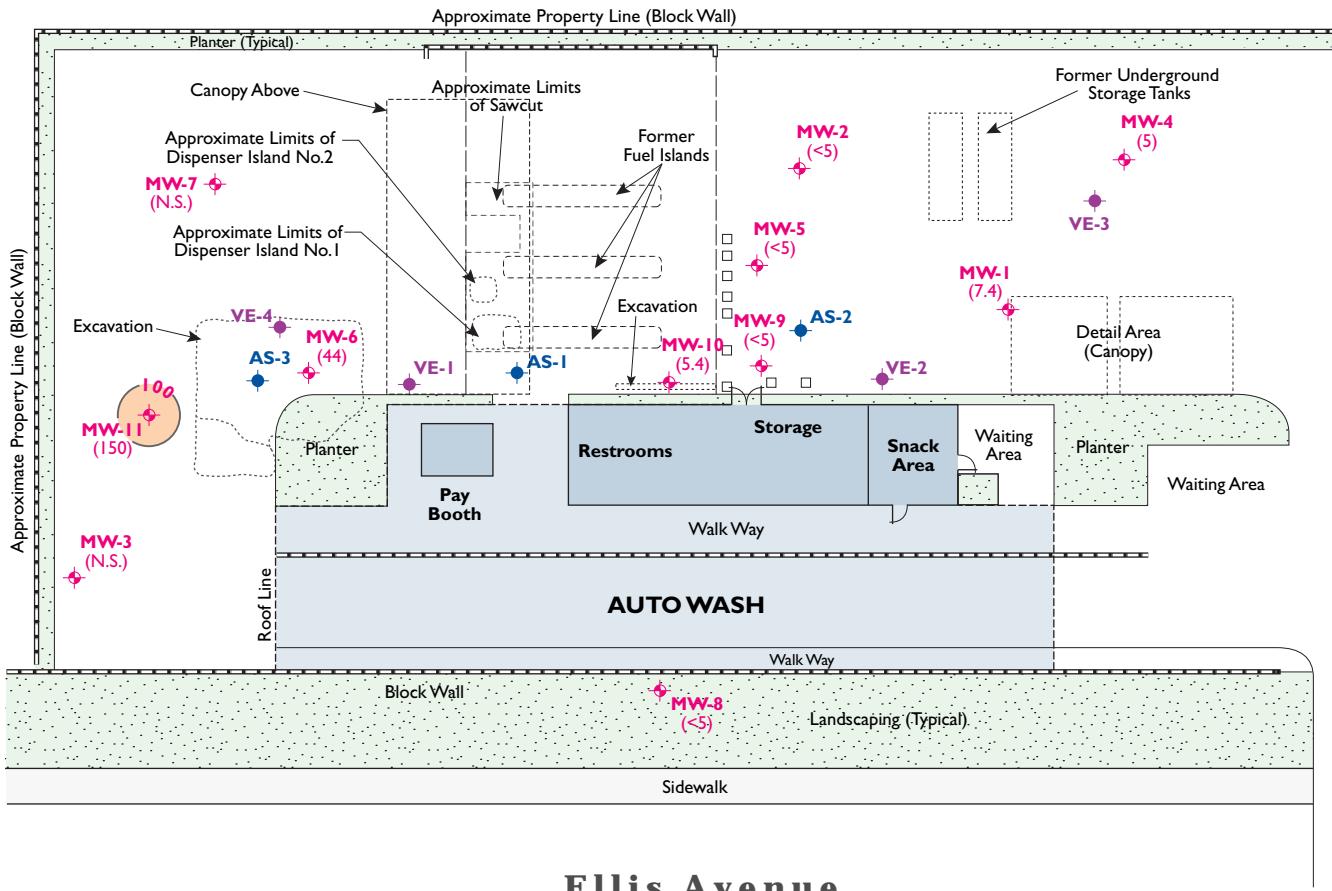
Client:
BEACON BAY AUTO WASH NO.5
10035 Ellis Avenue
Fountain Valley, California

Notes:

1. All locations are approximate.
2. N.S. = Not sampled.

**GENERALIZED SITE PLAN WITH
BENZENE CONCENTRATIONS IN
GROUNDWATER ON
JANUARY 5, 2005**

Plate 5



EXPLANATION

MW-11
Location and Designation
Groundwater Monitoring Wells.

AS-3
Location and Designation of
Air Sparging Wells.

VE-4
Location and Designation of
Vapor Extraction Wells.

(100)
Contour of Methyl Tertiary Butyl Ether Concentration in
Micrograms Per Liter ($\mu\text{g/l}$). Dashed Where Inferred.

(150)
Methyl Tertiary Butyl Ether Concentration in
Groundwater in Micrograms Per Liter ($\mu\text{g/l}$).

0 20 40 60
Approximate Graphic Scale:
One Inch Equals 40 Feet



Note: Base Map Modified 5/15/02



C. JAMES
& ASSOCIATES, INC.
Environmental Consultants

Client:
BEACON BAY AUTO WASH NO.5
10035 Ellis Avenue
Fountain Valley, California

**GENERALIZED SITE PLAN WITH
METHYL TERTIARY BUTYL ETHER
CONCENTRATIONS IN GROUNDWATER
ON JANUARY 5, 2005**

Plate 6

Notes:

1. All locations are approximate.
2. N.S. = Not sampled.
3. MTBE analyzed in accordance with EPA Method 8260.

APPENDIX A

GROUNDWATER SAMPLING PROCEDURES

A.1 GROUNDWATER SAMPLE COLLECTION PROCEDURES

1. The water level, free product thickness, and depth to the bottom of the wells were measured using a interface probe. The probes were rinsed in a solution of TSP followed by deionized water prior to use.
2. A disposable teflon bailer was used to sample each well. Dedicated rope was used with the bailer.
3. The water samples were collected and placed into laboratory-supplied containers (2-VOA Vials). Measurements of temperature, Ph, specific conductivity, and a description of turbidity were recorded for each groundwater sample.
4. The samples were placed in an ice chest and cooled to a temperature of approximately 40 degrees Fahrenheit following collection.
5. Sample handling, transport, and delivery to the laboratory were documented using Chain-of-Custody procedures and appropriate forms.

APPENDIX B

LABORATORY ANALYSIS

CAL TECH Environmental Laboratories



6814 Rosecrans Avenue, Paramount, CA 90723-3146
 Telephone: (562) 272-2700 Fax: (562) 272-2789

ANALYTICAL RESULTS*

CTEL Project No: CT211-0501013
Client Name: C. James & Associates
 441 Calle Corazon
 Oceanside, CA 92057
Attention: W. Heidi Hamilton

Phone: (760) 722-0050
Fax: (760) 722-0150

Project ID: CE00335 – Global ID: T0605900955
Project Name: Beacon Bay Auto Wash #5, Ellis Ave.

Date Sampled: 01/05/05 @ 08:00 am
Date Received: 01/05/05 @ 12:30 p.m.
Date Analyzed: 01/07/05

Matrix: Water

Laboratory ID:	0501-013-1	0501-013-2	0501-013-3	Method	Units:	Detection Limit
Client Sample ID:	MW-1	MW-2	MW-4			
Dilution	1	1	1			
Dichlorodifluoromethane	ND	ND	ND	EPA 8260B	ug/L	1
Chloromethane	ND	ND	ND	EPA 8260B	ug/L	1
Vinyl Chloride	ND	ND	ND	EPA 8260B	ug/L	0.5
Bromomethane	ND	ND	ND	EPA 8260B	ug/L	1
Chloroethane	ND	ND	ND	EPA 8260B	ug/L	1
Trichlorofluoromethane	ND	ND	ND	EPA 8260B	ug/L	1
Iodomethane	ND	ND	ND	EPA 8260B	ug/L	1
Acetone	ND	ND	ND	EPA 8260B	ug/L	10
1,1-Dichloroethene	ND	ND	ND	EPA 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	ND	ND	EPA 8260B	ug/L	25
Methylene Chloride	ND	ND	ND	EPA 8260B	ug/L	10
Freon 113	ND	ND	ND	EPA 8260B	ug/L	5
Carbon disulfide	ND	ND	ND	EPA 8260B	ug/L	1
trans,1,2-Dichloroethene	ND	ND	ND	EPA 8260B	ug/L	1
Methyl-tert-butyl-ether(MtBE)	7.4	ND	5.0	EPA 8260B	ug/L	5
1,1-Dichloroethane	ND	ND	ND	EPA 8260B	ug/L	1
Vinyl acetate	ND	ND	ND	EPA 8260B	ug/L	50
Diisopropyl Ether (DIPE)	ND	ND	ND	EPA 8260B	ug/L	1
Methyl Ethyl Ketone	ND	ND	ND	EPA 8260B	ug/L	10
cis,1,2-Dichloroethene	ND	ND	ND	EPA 8260B	ug/L	1
Bromochloromethane	ND	ND	ND	EPA 8260B	ug/L	1
Chloroform	ND	ND	ND	EPA 8260B	ug/L	1
2,2-Dichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	ND	ND	EPA 8260B	ug/L	1
1,1,1-Trichloroethane	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dichloroethane	ND	ND	ND	EPA 8260B	ug/L	0.5
1,1-Dichloropropene	ND	ND	ND	EPA 8260B	ug/L	1
Carbon Tetrachloride	ND	ND	ND	EPA 8260B	ug/L	0.5
Benzene	ND	ND	ND	EPA 8260B	ug/L	0.5
t-Amyl Methyl Ether (TAM)	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Trichloroethene	ND	ND	ND	EPA 8260B	ug/L	1
Dibromomethane	ND	ND	ND	EPA 8260B	ug/L	1
Bromodichloromethane	ND	ND	ND	EPA 8260B	ug/L	1
2-Chloroethylvinylether	ND	ND	ND	EPA 8260B	ug/L	5
cis,1,3-Dichloropropene	ND	ND	ND	EPA 8260B	ug/L	1
4-Methyl-2-pentanone(MI)	ND	ND	ND	EPA 8260B	ug/L	10
trans,1,3-Dichloropropene	ND	ND	ND	EPA 8260B	ug/L	1
Toluene	ND	ND	ND	EPA 8260B	ug/L	0.5
1,1,2-Trichloroethane	ND	ND	ND	EPA 8260B	ug/L	1

(Continued)

CTEL Project No: CT211-0501013

Project ID: CE00335 – Global ID: T0605900955
 Project Name: Beacon Bay Auto Wash #5, Ellis Ave.

Laboratory ID:	0501-013-1	0501-013-2	0501-013-3	Method	Units	Detection Limit
Client Sample ID:	MW-1	MW-2	MW-4			
1,1,2-Dibromoethane(EDB)	ND	ND	ND	EPA 8260B	ug/L	0.5
1,3-Dichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Dibromochloromethane	ND	ND	ND	EPA 8260B	ug/L	1
2-Hexanone	ND	ND	ND	EPA 8260B	ug/L	10
Tetrachloroethylene	ND	ND	ND	EPA 8260B	ug/L	1
Chlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,1,1,2-Tetrachloroethane	ND	ND	ND	EPA 8260B	ug/L	1
Ethylbenzene	ND	ND	ND	EPA 8260B	ug/L	0.5
m,p-Xylene	ND	ND	ND	EPA 8260B	ug/L	0.6
Bromoform	ND	ND	ND	EPA 8260B	ug/L	1
Styrene	ND	ND	ND	EPA 8260B	ug/L	1
o-Xylene	ND	ND	ND	EPA 8260B	ug/L	0.6
1,1,2,2-Tetrachloroethane	ND	ND	ND	EPA 8260B	ug/L	1
1,2,3-Trichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Isopropylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
Bromobenzene	ND	ND	ND	EPA 8260B	ug/L	1
2-Chlorotoluene	ND	ND	ND	EPA 8260B	ug/L	1
n-Propylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
4-Chlorotoluene	ND	ND	ND	EPA 8260B	ug/L	1
1,3,5-Trimethylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
tert-Butylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,2,4-Trimethylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
sec-Butylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,3-Dichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,4-Dichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
p-Isopropyltoluene	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
n-Butylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dibromo-3-Chloropropane	ND	ND	ND	EPA 8260B	ug/L	1
1,2,4-Trichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
Naphthalene	ND	ND	ND	EPA 8260B	ug/L	1
1,2,3-Trichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
Hexachlorobutadiene	ND	ND	ND	EPA 8260B	ug/L	1
TPH - Gasoline	ND	ND	ND	EAP 8015M	ug/L	50

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	82	82	89	70-130
1,2 Dichloromethane	81	81	87	70-130
Toluene-d8	88	85	92	70-130
Bromofluorobenzene	83	83	84	70-130

CTEL Project No:

CT211-0501013
 Client Name: C. James & Associates
 441 Calle Corazon
 Oceanside, CA 92057
 Attention: W. Heidi Hamilton

Phone: (760) 722-0050

Fax: (760) 722-0150

Project ID:
 Project Name:

CE00335 – Global ID: T0605900955
 Beacon Bay Auto Wash #5, Ellis Ave.

Date Sampled: 01/05/05 @ 08:00 am
 Date Received: 01/05/05 @ 12:30 p.m.
 Date Analyzed: 01/07/05

Matrix: Water

Laboratory ID:	0501-013-4	0501-013-5	0501-013-6	Method	Units:	Detection Limit
Client Sample ID	MW-5	MW-6	MW-8			
Dilution	1	1	1			
Dichlorodifluoromethane	ND	ND	ND	EPA 8260B	ug/L	1
Chloromethane	ND	ND	ND	EPA 8260B	ug/L	1
Vinyl Chloride	ND	ND	ND	EPA 8260B	ug/L	0.5
Bromomethane	ND	ND	ND	EPA 8260B	ug/L	1
Chloroethane	ND	ND	ND	EPA 8260B	ug/L	1
Trichlorofluoromethane	ND	ND	ND	EPA 8260B	ug/L	1
Iodomethane	ND	ND	ND	EPA 8260B	ug/L	1
Acetone	ND	ND	ND	EPA 8260B	ug/L	10
1,1-Dichloroethene	ND	ND	ND	EPA 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	ND	ND	EPA 8260B	ug/L	25
Methylene Chloride	ND	ND	ND	EPA 8260B	ug/L	10
Freon 113	ND	ND	ND	EPA 8260B	ug/L	5
Carbon disulfide	ND	ND	ND	EPA 8260B	ug/L	1
trans,1,2-Dichloroethene	ND	ND	ND	EPA 8260B	ug/L	1
Methyl-tert-butyl-ether(MtBE)	ND	44	ND	EPA 8260B	ug/L	5
1,1-Dichloroethane	ND	ND	ND	EPA 8260B	ug/L	1
Vinyl acetate	ND	ND	ND	EPA 8260B	ug/L	50
Diisopropyl Ether (DIPE)	ND	ND	ND	EPA 8260B	ug/L	1
Methyl Ethyl Ketone	ND	ND	ND	EPA 8260B	ug/L	10
cis,1,2-Dichloroethene	ND	ND	ND	EPA 8260B	ug/L	1
Bromochloromethane	ND	ND	ND	EPA 8260B	ug/L	1
Chloroform	ND	ND	ND	EPA 8260B	ug/L	1
2,2-Dichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	ND	ND	EPA 8260B	ug/L	1
1,1,1-Trichloroethane	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dichloroethane	ND	ND	ND	EPA 8260B	ug/L	0.5
1,1-Dichloropropene	ND	ND	ND	EPA 8260B	ug/L	1
Carbon Tetrachloride	ND	ND	ND	EPA 8260B	ug/L	0.5
Benzene	ND	ND	ND	EPA 8260B	ug/L	0.5
t-Amyl Methyl Ether (TAM)	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Trichloroethene	ND	ND	ND	EPA 8260B	ug/L	1
Dibromomethane	ND	ND	ND	EPA 8260B	ug/L	1
Bromodichloromethane	ND	ND	ND	EPA 8260B	ug/L	1
2-Chloroethylvinylether	ND	ND	ND	EPA 8260B	ug/L	5
cis,1,3-Dichloropropene	ND	ND	ND	EPA 8260B	ug/L	1
4-Methyl-2-pentanone(MI)	ND	ND	ND	EPA 8260B	ug/L	10
trans,1,3-Dichloropropene	ND	ND	ND	EPA 8260B	ug/L	1
Toluene	ND	ND	ND	EPA 8260B	ug/L	0.5
1,1,2-Trichloroethane	ND	ND	ND	EPA 8260B	ug/L	1

(Continued)

CTEL Project No: CT211-0501013

Project ID: CE00335 – Global ID: T0605900955
 Project Name: Beacon Bay Auto Wash #5, Ellis Ave.

Laboratory ID:	0501-013-4	0501-013-5	0501-013-6	Method	Units	Detection Limit
Client Sample ID:	MW-5	MW-6	MW-8			
1,2-Dibromoethane(EDB)	ND	ND	ND	EPA 8260B	ug/L	0.5
1,3-Dichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Dibromochloromethane	ND	ND	ND	EPA 8260B	ug/L	1
2-Hexanone	ND	ND	ND	EPA 8260B	ug/L	10
Tetrachloroethene	ND	ND	ND	EPA 8260B	ug/L	1
Chlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,1,1,2-Tetrachloroethane	ND	ND	ND	EPA 8260B	ug/L	1
Ethylbenzene	ND	ND	ND	EPA 8260B	ug/L	0.5
m,p-Xylene	ND	ND	ND	EPA 8260B	ug/L	0.6
Bromoform	ND	ND	ND	EPA 8260B	ug/L	1
Styrene	ND	ND	ND	EPA 8260B	ug/L	1
o-Xylene	ND	ND	ND	EPA 8260B	ug/L	0.6
1,1,2,2-Tetrachloroethane	ND	ND	ND	EPA 8260B	ug/L	1
1,2,3-Trichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Isopropylbenzen	ND	3.4	ND	EPA 8260B	ug/L	1
Bromobenzene	ND	ND	ND	EPA 8260B	ug/L	1
2-Chlorotoluene	ND	ND	ND	EPA 8260B	ug/L	1
n-Propylbenzene	ND	9.4	ND	EPA 8260B	ug/L	1
4-Chlorotoluene	ND	ND	ND	EPA 8260B	ug/L	1
1,3,5-Trimethylbenzene	ND	2.9	ND	EPA 8260B	ug/L	1
tert-Butylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,2,4-Trimethylbenzene	ND	32	ND	EPA 8260B	ug/L	1
sec-Butylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,3-Dichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,4-Dichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
p-Isopropyltoluene	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
n-Butylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dibromo-3-Chloropropane	ND	ND	ND	EPA 8260B	ug/L	1
1,2,4-Trichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
Naphthalene	ND	13	ND	EPA 8260B	ug/L	1
1,2,3-Trichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
Héxachlórobutadiene	ND	ND	ND	EPA 8260B	ug/L	1
TPH - Gasoline	ND	800	ND	EAP 8015M	ug/L	50

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	%SURROGATE RECOVERY	Control Limit
Dibromofluoromethane	79	70-130
1,2 Dichloromethane	76	70-130
Toluene-d8	85	70-130
Bromofluorobenzene	84	70-130

CTEL Project No: CT211-0501013
Client Name: C. James & Associates
 441 Calle Corazon
 Oceanside, CA 92057
Attention: W. Heidi Hamilton

Phone: (760) 722-0050
Fax: (760) 722-0150

Project ID: CE00335 – Global ID: T0605900955
Project Name: Beacon Bay Auto Wash #5, Ellis Ave.

Date Sampled: 01/05/05 @ 08:00 am
Date Received: 01/05/05 @ 12:30 p.m.
Date Analyzed: 01/07/05

Matrix: Water

Laboratory ID:	0501-013-7	0501-013-8	0501-013-9	Method	Units:	Detection Limit
Client Sample ID:	MW-9	MW-10	MW-11			
Dilution	1	1-10	1-10			
Dichlorodifluoromethane	ND	ND	ND	EPA 8260B	ug/L	
Chloromethane	ND	ND	ND	EPA 8260B	ug/L	
Vinyl Chloride	ND	ND	ND	EPA 8260B	ug/L	0.5
Bromomethane	ND	ND	ND	EPA 8260B	ug/L	1
Chloroethane	ND	ND	ND	EPA 8260B	ug/L	1
Trichlorofluoromethane	ND	ND	ND	EPA 8260B	ug/L	1
Iodomethane	ND	ND	ND	EPA 8260B	ug/L	1
Acetone	ND	ND	ND	EPA 8260B	ug/L	10
1,1-Dichloroethene	ND	ND	ND	EPA 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	ND	1500	EPA 8260B	ug/L	25
Methylene Chloride	ND	ND	ND	EPA 8260B	ug/L	10
Freon 113	ND	ND	ND	EPA 8260B	ug/L	5
Carbon disulfide	ND	ND	ND	EPA 8260B	ug/L	1
trans,1,2-Dichloroethene	ND	ND	ND	EPA 8260B	ug/L	1
Methyl-tert-butyl-ether(MTBE)	ND	5.4	150	EPA 8260B	ug/L	5
1,1-Dichloroethane	ND	ND	ND	EPA 8260B	ug/L	1
Vinyl acetate	ND	ND	ND	EPA 8260B	ug/L	50
Diisopropyl Ether (DIPE)	ND	ND	ND	EPA 8260B	ug/L	1
Methyl Ethyl Ketone	ND	ND	ND	EPA 8260B	ug/L	10
cis,1,2-Dichloroethene	ND	ND	ND	EPA 8260B	ug/L	1
Bromo-chloromethane	ND	ND	ND	EPA 8260B	ug/L	1
Chloroform	ND	ND	ND	EPA 8260B	ug/L	1
2,2-Dichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	ND	2.6	EPA 8260B	ug/L	1
1,1,1-Trichloroethane	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dichloroethane	2.8	ND	ND	EPA 8260B	ug/L	0.5
1,1-Dichloropropene	ND	ND	ND	EPA 8260B	ug/L	1
Carbon Tetrachloride	ND	ND	ND	EPA 8260B	ug/L	0.5
Benzene	85	35	ND	EPA 8260B	ug/L	0.5
t-Amyl Methyl Ether (TAM)	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Trichloroethene	ND	ND	ND	EPA 8260B	ug/L	1
Dibromomethane	ND	ND	ND	EPA 8260B	ug/L	1
Bromodichloromethane	ND	ND	ND	EPA 8260B	ug/L	1
2-Chloroethylvinylether	ND	ND	ND	EPA 8260B	ug/L	5
cis,1,3-Dichloropropene	ND	ND	ND	EPA 8260B	ug/L	1
4-Methyl-2-pentanone(MI)	ND	ND	ND	EPA 8260B	ug/L	10
trans,1,3-Dichloropropene	ND	ND	ND	EPA 8260B	ug/L	1
Toluene	2.1	ND	ND	EPA 8260B	ug/L	0.5
1,1,2-Trichloroethane	ND	ND	ND	EPA 8260B	ug/L	1

(Continued)

CTEL Project No: CT211-0501013

Project ID: CE00335 – Global ID: T0605900955
 Project Name: Beacon Bay Auto Wash #5, Ellis Ave.

Laboratory ID:	0501-013-7	0501-013-8	0501-013-9	Method	Units	Detection Limit
Client Sample ID:	MW-9	MW-10	MW-11			
1,2-Dibromoethane(EDB)	ND	ND	ND	EPA 8260B	ug/L	0.5
1,3-Dichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Dibromochloromethane	ND	ND	ND	EPA 8260B	ug/L	1
2-Hexanone	ND	ND	ND	EPA 8260B	ug/L	10
Tetrachloroethene	ND	ND	ND	EPA 8260B	ug/L	1
Chlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,1,1,2-Tetrachloroethane	ND	ND	ND	EPA 8260B	ug/L	1
Ethylbenzene	2.5	ND	ND	EPA 8260B	ug/L	0.5
m,p-Xylene	35	ND	ND	EPA 8260B	ug/L	0.6
Bromoform	ND	ND	ND	EPA 8260B	ug/L	1
Styrene	ND	ND	ND	EPA 8260B	ug/L	1
o-Xylene	ND	ND	ND	EPA 8260B	ug/L	0.6
1,1,2,2-Tetrachloroethane	ND	ND	ND	EPA 8260B	ug/L	1
1,2,3-Trichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Isopropylbenzene	7.6	12	ND	EPA 8260B	ug/L	1
Bromobenzene	ND	ND	ND	EPA 8260B	ug/L	1
2-Chlorotoluene	ND	ND	ND	EPA 8260B	ug/L	1
n-Propylbenzene	13	ND	ND	EPA 8260B	ug/L	1
4-Chlorotoluene	ND	ND	ND	EPA 8260B	ug/L	1
1,3,5-Trimethylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
tert-Butylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,2,4-Trimethylbenzene	10	ND	ND	EPA 8260B	ug/L	1
sec-Butylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,3-Dichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,4-Dichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
p-Isopropyltoluene	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
n-Butylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dibromo-3-Chloropropane	ND	ND	ND	EPA 8260B	ug/L	1
1,2,4-Trichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
Naphthalene	41	ND	ND	EPA 8260B	ug/L	1
1,2,3-Trichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
Hexachlorobutadiene	ND	ND	ND	EPA 8260B	ug/L	1
TPH - Gasoline	1100	650	810	EAP 8015M	ug/L	50

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	80	82	82	70-130
1,2-Dichloromethane	78	75	79	70-130
Toluene-d8	90	85	82	70-130
Bromofluorobenzene	82	83	85	70-130

R. Tejirian
 Greg Tejirian
 Laboratory Director

*The results are base upon the sample received. Soil samples are not homogeneous

Cal Tech Environmental Laboratories, Inc. ELAP ID #: 2424

CAL TECH Environmental Laboratories



6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8015M

Matrix: Water

Date Analyzed: 1/7/05

Date Extracted: 1/7/05

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Rec.	Limits RPD	RPD
	LCS	LCSD		LCS	LCSD			
TPH - Gasoline	1025	1041	1000	102	104	70-130	20	2

Perimeters	Method Blank	Units	Det. Limit
TPH - Gasoline	ND	ug/L	50

LCS: Laboratory Control Standard

LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

CAL TECH Environmental Laboratories



6814 Rosecrans Avenue, Paramount, CA 90723-3146
 Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8260B

Matrix: Water

Date Analyzed: 1/7/05

Date Extracted: 1/7/05

Perimeters	Conc.	ug/L	Spike Added	Recovery %		Control	Limits	RPD
	LCS	LCSD		LCS	LCSD	Rec.	RPD	
1,1-Dichloroethene	48	46	50	96	92	70-130	20	4
Benzene	50	47	50	100	94	70-130	20	6
Trichloroethene	50	47	50	100	94	70-130	20	6
Toluene	51	48	50	102	96	70-130	20	6
Chlorobenzene	48	48	50	96	96	70-130	20	0
m,p-Xylenes	95	90	100	95	90	70-130	20	5

LCS: Laboratory Control Standard

LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

Perimeters	Method Blank	Units	Det. Limit
1,1-Dichloroethene	ND	ug/L	1
Benzene	ND	ug/L	0.5
Trichloroethene	ND	ug/L	0.5
Toluene	ND	ug/L	0.5
Chlorobenzene	ND	ug/L	0.5
m,p-Xylenes	ND	ug/L	0.6
MTBE	ND	ug/L	1
TBA	ND	ug/L	10
DIPE	ND	ug/L	1
ETBE	ND	ug/L	1
TAME	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	0.5
EDB	ND	ug/L	0.5
Ethylbenzene	ND	ug/L	0.5
o-Xylene	ND	ug/L	0.6
TCE	ND	ug/L	1
PCE	ND	ug/L	1



CAL TECH Environmental Laboratories

6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

Lab Job No. 01-013

Page 1 of 1

Chain of Custody Record

Client: G. James & Associates
Contact: W. Heidi Hamilton
Address: 441 Calle Coatzon, DeAnza

Project: 00335 BEACON BAY AUTO WASH- FOUNTAIN VALLEY
Sampled By: Buddy L. Pearce, Burelly L. Pearce 1-5-05
Name/Signature:

Note: MW's #3 & 7 are omitted

Phone: 760-722-0050
Fax: 760-722-0150
Turn Around Time
Rush
Normal

Lab ID Number	Field ID	Date/Time Sampled	Bottle Type	No.	Preserv.	Matrix	Analyses Requested	
							Comments	
MW-1		1-5-05	VOLAS	2	Ø	WATER	<input checked="" type="checkbox"/>	
MW-2								
MW-4								
MW-5								
MW-6								
MW-8								
MW-9								
MW-10								
MW-11								

Relinquished: Buddy L. Pearce Date / Time: 1-5-05 Received: Sun 10 AM
Dispatched: _____ Carrier: _____

I hereby authorize the performance of the above indicated tests.
Buddy L. Pearce Date / Time: _____ Received by lab: Sun 10 AM
Date / Time: _____

Custody seal(s) in tact upon receipt by lab? YES NO
CTELCCR DOC NONE